

7SSO10535	Active	794669 Dan Farris	Certified
7SSO10535	Active	795336 Dan Farris	Certified
7SSO10535	Active	795841 Dan Farris	Certified
7SSO10535	Active	796855 Dan Farris	Certified
7SSO10535	Active	798100 Mark Johnson	Certified
7SSO10535	Active	798386 Daniel Farris	Certified
7SSO10535	Active	800125 Dan Farris	Certified
7SSO10535	Active	800129 Dan Farris	Certified
7SSO10535	Active	800467 Daniel Farris	Certified
7SSO10536	Active	657710 David J Barakian	Certified
7SSO10536	Active	728744 David Barakian	Certified
7SSO10536	Active	729275 Dave Barakian	Certified
7SSO10536	Active	730948 Dave Barakian	Certified
7SSO10536	Active	734666 Marcus Fuller	Certified
7SSO10536	Active	755089 David Barakian	Certified
7SSO10536	Active	775432 dbarakian	Certified
7SSO10536	Active	800821 David Barakian	Certified
7SSO10538	Active	755903 Eric Salazar	Certified
7SSO10538	Active	755913 Eric Salazar	Certified
7SSO10538	Active	755932 Eric Salazar	Certified
7SSO10538	Active	755952 Eric Salazar	Certified
7SSO10538	Active	755954 Eric Salazar	Certified
7SSO10538	Active	755955 Eric Salazar	Certified
7SSO10538	Active	755956 Eric Salazar	Certified
7SSO10538	Active	755959 Eric Salazar	Certified
7SSO10538	Active	755964 Eric Salazar	Certified
7SSO10538	Active	755970 Eric Salazar	Certified
7SSO10538	Active	758833 Eric Salazar	Certified
7SSO10538	Active	759455 Eric Salazar	Certified
7SSO10538	Active	760322 Eric Salazar	Certified
7SSO10538	Active	764713 Eric Salazar	Certified
7SSO10538	Active	764715 Eric Salazar	Certified
7SSO10538	Active	771935 Rosa Reagles	Certified
7SSO10538	Active	772341 Rosa Reagles	Certified
7SSO10538	Active	773669 Rosa Reagles	Certified
7SSO10538	Active	778255 Rosa Reagles	Certified
7SSO10538	Active	782798 Timothy A Roberts	Certified
7SSO10538	Active	785205 Timothy A Roberts	Certified
7SSO10538	Active	786330 Timothy Roberts	Certified
7SSO10538	Active	791835 Timothy Roberts	Certified
7SSO10538	Active	799244 Timothy Roberts	Certified
7SSO10540	Active	705361 Steve Shepard	Certified
7SSO10540	Active	707815 Steve Shepard	Certified
7SSO10540	Active	713189 Steve Shepard	Certified
7SSO10540	Active	715845 Steve Shepard	Certified
7SSO10540	Active	729413 Steve Shepard	Certified
7SSO10540	Active	750691 Steve Shepard	Certified
7SSO10540	Active	751497 Steve Shepard	Certified
7SSO10540	Active	754557 Steve Shepard	Certified
7SSO10540	Active	759997 Steve Shepard	Certified
7SSO10540	Active	780267 Steve Shepard	Certified
7SSO10540	Active	793893 Ronald Buchwald	Certified
7SSO11186	Active	730030 Sam Ochoa	Certified
7SSO11186	Active	731111 Donald Spinney	Certified
7SSO11186	Active	744834 Donald Spinney	Certified

Director of Operations
Director of Operations
Director of Operations
Director of Operations
Director of Engineering
Director of Operations
Director of Operations
Director of Operations
Director of Operations
Director of Public Works/ City Engineer
Dir. of Public Works
Director of Public Works
Director of Public Works
Asst. Dir. Public Works
Dir. of Public Works
Public Works Director
Director of Public Works
Board Secretary
Board Secretary
Board Secretary
Board Secretary
Board Secretary
Board Secretary
Board Secretary
Board Secretary
Board Secretary
Secretary
Board Secretary
Secretary
Board Secretary
Board Secretary
General Manager
General Manager
General Manager
General Manager
Field Foreman
Field Foreman
Field Foreman
Field Foreman
Field Foreman
Collection Supervisor
Collection Supervisor
Collection Supervisor
Collection Supervisor
Collection Supervisor
Collection Supervisor
Collection Supervisor
Collection Supervisor
Collection Supervisor
District Engineer
Correctional Plant Manager II
Correctional Plant Supervisor
Correctional Plant Supervisor

Palm Desert, CA	859581	
Palm Desert, CA	650500	
Palm Desert, CA	856240	
Palm Desert, CA	356292	
Palm Desert, CA	231532	
Palm Desert, CA	817441	
Palm Desert, Ca	722244	
Palm Desert, Ca	590198	
Palm Desert, CA	568341	
Palm Springs	948921	
Palm Springs	208868	
Palm Springs	474147	
Palm Springs	914118	
Palm Springs	106306	
Palm Springs	206156	
Palm Springs	889130	
City of Palm Springs	383729	
SCSD	442251	
SCSD	380837	
SCSD	718385	
SCSD	940393	
SCSD	483363	
SCSD	356325	
SCSD	662372	
SCSD	574515	
SCSD	522559	
SCSD	177162	
SCSD	839080	
SCSD Office	269504	
SCSD Office	603070	
SCSD Office	656261	
SCSD Office	687466	
	13:55	476895
	10/25/2011	244190
Salton City		508176
Salton City		496356
	11:30 AM	708279
	1321	558795
	707	468737
	1316	471686
	1148	445888
Valley Sanitary District		692684
Valley Sanitary District		308879
Valley Sanitary District Office		473043
Vallet Sanitary District		429697
Office		652139
Office		842282
Office		346486
Office		461137
Office		428099
Indio Office		428372
Valley Sanitary District		481785
Calipatria State Prison		451322
Calipatria State Prison		763602
Calipatria State Prison		315243

3-Jun-13	6/3/2013	3-Jun-13	6/3/2013
11-Jun-13	6/11/2013	11-Jun-13	6/11/2013
20-Jun-13	6/20/2013	20-Jun-13	6/20/2013
16-Jul-13	7/16/2013	16-Jul-13	7/18/2013
21-Aug-13	8/21/2013	21-Aug-13	8/21/2013
30-Aug-13	8/30/2013	30-Aug-13	8/30/2013
23-Oct-13	10/23/2013	23-Oct-13	10/23/2013
23-Oct-13	10/23/2013	23-Oct-13	10/23/2013
1-Nov-13	11/1/2013	1-Nov-13	11/1/2013
19-Sep-07		26-Oct-07	10/26/2007
31-Oct-08		24-Nov-08	11/24/2008
14-Nov-08		23-Dec-08	12/23/2008
22-Dec-08		23-Dec-08	12/23/2008
9-Mar-09		15-Apr-09	4/15/2009
19-Jul-10	7/19/2010	27-Jul-10	7/27/2010
5-Jan-12	1/10/2012	10-Jan-12	1/10/2012
18-Nov-13	11/19/2013	19-Nov-13	11/19/2013
9-Aug-10	8/10/2010	17-Aug-10	9/8/2010
9-Aug-10	8/9/2010	17-Aug-10	8/17/2010
10-Aug-10	8/11/2010	18-Aug-10	8/18/2010
11-Aug-10	8/11/2010	18-Aug-10	8/18/2010
11-Aug-10	8/11/2010	18-Aug-10	8/18/2010
11-Aug-10	8/11/2010	16-Aug-10	8/16/2010
11-Aug-10	8/11/2010	16-Aug-10	8/16/2010
11-Aug-10	8/11/2010	16-Aug-10	8/25/2010
11-Aug-10	8/11/2010	16-Aug-10	8/16/2010
11-Aug-10	8/11/2010	16-Aug-10	8/16/2010
22-Nov-10	11/22/2010	16-Dec-10	12/16/2010
16-Dec-10	12/22/2010	22-Dec-10	12/22/2010
6-Jan-11	1/6/2011	6-Jan-11	1/6/2011
23-Mar-11	3/23/2011	24-Mar-11	3/24/2011
23-Mar-11	3/23/2011	24-Mar-11	3/24/2011
11-Oct-11	10/11/2011	11-Oct-11	10/11/2011
25-Oct-11	10/25/2011	25-Oct-11	10/25/2011
2-Dec-11	12/2/2011	2-Dec-11	12/2/2011
2-Mar-12	3/2/2012	2-Mar-12	3/2/2012
2-Jul-12	7/2/2012	2-Jul-12	8/16/2012
16-Aug-12	8/16/2012	16-Aug-12	8/16/2012
19-Sep-12	9/19/2012	19-Sep-12	9/19/2012
20-Feb-13	2/20/2013	20-Feb-13	2/20/2013
30-Sep-13	9/30/2013	30-Sep-13	9/30/2013
16-Oct-07		16-Oct-07	10/16/2007
16-Nov-07		16-Nov-07	11/16/2007
20-Feb-08		20-Feb-08	2/20/2008
7-Apr-08		7-Apr-08	4/7/2008
19-Nov-08		19-Nov-08	12/2/2010
17-Mar-10		17-Mar-10	3/17/2010
13-Apr-10		13-Apr-10	4/13/2010
8-Jul-10	7/8/2010	8-Jul-10	7/8/2010
30-Dec-10	12/30/2010	30-Dec-10	2/24/2011
18-Apr-12	4/18/2012	18-Apr-12	5/8/2012
3-May-13	5/3/2013	3-May-13	5/3/2013
1-Dec-08		1-Dec-08	12/1/2008
28-Dec-08		6-Jan-11	3/2/2011
18-Sep-09		18-Sep-09	9/18/2009

Category 3		850	650
Category 3		650	0
Category 3		250	150
Category 1		750	600
Category 2		4000	4000
Category 1		21000	500
Category 3	450	450	400
Category 3	670	670	600
Category 3	0	25	0
Category 3		50	50
Category 3		500	250
Category 3		100	0
Category 1		800	700
Category 3		750	740
Category 2		2000	1000
Category 3		900	800
Category 3	50	50	0
Category 2		10000	0
Category 2		2000	2000
Category 2		5000	1000
Category 2		2500	0
Category 2		2000	0
Category 2		3000	0
Category 2		3000	0
Category 2		1000	0
Category 2		3000	2850
Category 2		2300	0
Category 2		1000	900
Category 2		2000	1000
Category 2		1000	800
Category 2		1000	500
Category 3		750	400
Category 2		2500	2000
Category 2		1500	1100
Category 2		200000	10000
Category 2		1500	1300
Category 3		200	0
Category 2		2000	0
Category 1		2000	500
Category 2		10000	5000
Category 3	500	500	400
Category 3		200	200
Category 3		40	
Category 3		22	
Category 3		25	0
Category 3		30	30
Category 3		100	0
Category 3		40	0
Category 3		20	20
Category 3		50	0
Category 2		3000	3000
Category 3		2	2
Category 3		350	100
Category 2		10000	0
Category 2		1500	1000

	0	No	No
	0	No	No
	0	No	No
150	Yes		No
	0	No	No
20000	Yes		No
	0	No	No
	0	No	No
	0	No	No
		No	No
	0	No	No
	0	No	No
100	No		Yes
	0	No	No
	0	No	Yes
	0	No	Yes
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
1500	No		No
	0	No	No
	0	No	No
		No	No
		No	No
		No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	No
	0	No	Yes
	0	No	No
	0	No	No
	0	No	Yes
	0	No	No

Madison St., North of Ave 40
Wisteria Drive
Avenue 62, East of Polk Street
Avenue 66 Air Vac
Cook St. & Sheryl Ave. in Palm Desert Ca. 92260
East of Coachella Canal, North of I-10
Country Club Dr. at Approximately 525 ' West of Vista Dunes Road .
Country Club Dr. at approximately 100' West of Sagewood Drive
Avenue 58 & Monroe St. La Quinta Ca. 92253
F12147
5369 E Lakeside Dr
608 INDIAN TR
H05019
4375 Mesquite Ave.
E06003 - Via Miraleste and Vereda Del Sur
Manhole E06003 on Miraleste at E Vereda Sur
Manhole # D09055 and #D09057 on Museum Dr
Open Field behind 2485 Evans Ave. Salton City
Intersection of Salton Bay Drive and Crystal Ave
3/4 Mile southeast of Salton Rd.
2850 Pacific Street
North of the intersection of Barring at Mediterranean
Sea View Dr. and Aberdeen
Aberdeen and Treasure
Judy Ave & Sandra Ave
200 ft North of Salton Bay Drive, 200 ft West of Crystal Avenue
Pacific Street and Atlantic Blvd
Johnson's Landing
Manhole in Open Desert
Station #16 SDSD
Station 8
Station 17
Easment, Redondo Avenue
Johnson's Landing
Southeast corner of Clover Leaf Drive & Mars Avenue
Leto Spill
1225 Black Sea
Force Main Station #10
Bering Spill
Sea View Drive Spill
300 Feet S/E from corner of Bering ave. & Mediteranean ave.
82-402 Solano Lateral Cleanout
43-856 Sola
81-853 Paseo Real
49-130 Biery
81-292 Fuchsia
Summer Breeze
45-721 Capistrano
81581 Santa Clara
Calhoun Pump Station
Ave 48 and Monroe St.
82585 Showcase Parkway
Calipatria State Prison
Calipatria State Prison
Calipatria State Prison

33.762222	-116.251694 Riverside
33.7675	-116.325556 Riverside
33.598353	-116.145392 Riverside
33.569483	-116.095439 Riverside
33.737481	-116.356297 Riverside
33.741944	-116.254444 Riverside
33.757989	-116.395097 Riverside
33.757889	-116.38715 Riverside
33.627417	-116.233628 Riverside
33.809	-116.531 Riverside
33.783333	-116.483333 Riverside
33.813542	116.540028 Riverside
33.845764	116.511058 Riverside
33.808289	-116.499731 Riverside
33.843333	-116.550556 Riverside
33.843333	-116.5505 Riverside
33.8237307	-116.549423 Riverside
33.18484	-115.56702 Imperial
33.29555	-115.92633 Imperial
33.168877	-115.54873 Imperial
33.33506	-115.95515 Imperial
33.20347	-115.57575 Imperial
33.18587	-115.56005 Imperial
33.1858	-115.56155 Imperial
33.16119	-115.58125 Imperial
33.17722	-115.55637 Imperial
33.2013	-115.57287 Imperial
33.19677	-115.56721 Imperial
33.356389	-115.950243 Imperial
33.18582	-115.56062 Imperial
33.33473	-115.95524 Imperial
33.30921	-115.92956 Imperial
33.18575	-115.56694 Imperial
33.19823	-115.56714 Imperial
33.28142	-115.92952 Imperial
33.336677	-115.964351 Imperial
33.335389	-115.966111 Imperial
33.17711	-115.5749 Imperial
33.203421	-115.57572 Imperial
33.16478	-115.5643 Imperial
33.3389	-115.95948 Imperial
33.700278	116.225833 Riverside
33.730278	116.225278 Riverside
33.721389	116.236111 Riverside
33.692181	116.225047 Riverside
33.711389	-116.246389 Riverside
33.70411	-116.23414 Riverside
33.71642	-116.24226 Riverside
33.71659	-116.24125 Riverside
33.69339	-116.20789 Riverside
33.69866	-116.23387 Riverside
33.74077	-116.22444 Riverside
33.163443	-115.493522 Imperial
33.163443	-115.449352 Imperial
33.11322	-115.49308 Imperial

[illegible]

Approximately 1825 feet north of Ave 40 on the west side of Madison Street on the dirt shoulder
Manhole structure at Station 0+92, in front of 38-801 Wisteria Drive in Palm Desert
Approximately 410 feet East of Polk Street on Avenue 62. On the South side of Avenue 62 in the dirt shoulder.
Approximately 100 feet west of Buchanan Street on north side of Avenue 66 in dirt shoulder.
Approximately 100 feet North of Sheryl Ave. on Cook St. near center median.
Approximately 60 feet west of the Coachella canal, 220 feet north of Interstate 10, 700 feet south of Avenue 42, and 800
Country Club Dr. at approximately 525 West of Vista Dunes Road in Rancho Mirage Ca. 92270
Country Club Dr. at approximately 100' West of Sagewood Drive in Palm Desert Ca. 92211
Approximately 85 feet West of Monroe St. on the South side of Avenue 58 in La Quinta Ca. 92253
Overflow from manhole F12147.
Backup occurred in segment leading to lift station when pump controller at lift station failed. Backup resulted and overflow
FINE ROOTS AND DEBRIS BLOCKAGE CAUSED BACKUP AND OVERFLOW.
MANHOLE H05019 WEST OF INTERSECTION OF WHITEWATER CLUB DR AND VISTA CHINO
Spill occurred in excavation trench when sewer line stub-out was struck by excavation equipment.
There was a grease/root/debris (rags) blockage in an 8 sanitary sewer segment located beneath Via Miraleste and to the
Overflow exited manhole onto Miraleste to gutter and flowed South on West side of street to corner of Miraleste and Tava
Flow exited from manholes

O/S Fish Cleaning Station in trailer park.
Open Area
Manhole outside lift station

Station 17
unpaved surface

Unoccupied open field

UN-Developed Dirt Field
Dirt Surface

Spill out of property line clean in front of address into gutter and into dry well about 100 ft. away from cleanout. When we
Grass around cleanout in front yard

Located at a driveway and parking area at the above address.
This spill hapened at the prison approximately 200 feet from the SS lift station. The lift station pumps tripped. The sewage
Prison Grounds
Within the Calipatria State Prison behind buildings A-2 & A3 and at Tower # 1.

feet west of Madison Street

1
1

W occurred at manhole #K14025.

north of Tachevah. The SSO occurred
Tachevah.

2

1

arrived we did see the the cleanout over

W backed up at the lift station.

Force main or pressure sewer
Manhole
Other sewer system structure
Other (specify)
Gravity sewer;Other (specify)
Other sewer system structure
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other (specify)
Manhole
Other (specify)
Manhole
Manhole
Manhole
Force main or pressure sewer
Other sewer system structure
Pump station
Pump station
Other (specify)
Force main or pressure sewer
Pump station
Other sewer system structure
Other (specify)
Manhole
Building or structure
Manhole
Pump station
Manhole
Manhole
Force main or pressure sewer
Gravity sewer
Manhole
Manhole
Other sewer system structure
Force main or pressure sewer;Gravity sewer;Manhole
Manhole
Gravity sewer;Manhole
Manhole
Other (specify)
Other sewer system structure
Other (specify)
Other (specify)
Other sewer system structure
Other (specify)
Building or structure;Other (specify)
Other sewer system structure
Force main or pressure sewer
Manhole
Manhole
Pump station
Manhole
Other (specify)

Sewer Force Main Air relief valve

2 inch air relief valve on 18 sewer force main.

At 3 inch pipe from 10 force main to Air Relief Valve.

Sink hole on Cook St. road surface above 33 gravity sewer main.

4 inch ball valve failure at the blow off line attached to an air relief valve on a 10 inch force main

2 coupling on service line for air relief valve.

EXITED CLEAN OUT IN FRONT OF 608 INDIAN TR

Spill appeared in excavated trench.

The SSO was observed at manhole E06003 located at the intersection of Via Miraleste and Vereda Del Sur. Flow out of

Manhole on Museum Dr. approx 10', manhole on sidewalk puddled around it.

Lift Station

Lift station pump failed

Lift Station

Property line cleanout

The lateral was not completely plugged but when the home owner used the washing machine the cleanout would over flow

Property Line Cleanout

Property line cleanout

House Cleanout

House cleanout

The spill appeared from the ground level sewer cleanouts at all three locations.

Unpaved surface
Other (specify below)
Unpaved surface;Other (specify below)
Unpaved surface;Other (specify below)
Other (specify below)
Surface water;Unpaved surface;Other (specify below)
Paved Surface;Separate Storm Drain;Street/Curb and Gutter
Paved Surface;Separate Storm Drain;Street/Curb and Gutter
Unpaved surface
Other paved surface
Other paved surface;Street/curb and gutter;Unpaved surface
Other (specify below)
Other paved surface;Storm drain;Unpaved surface
Other (specify below)
Storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/Curb and Gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface;Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Other paved surface;Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter;Other (specify below)
Other (specify below)
Street/curb and gutter
Street/curb and gutter;Other (specify below)
Street/curb and gutter
Other (specify below)
Building or structure;Other (specify below)
Street/curb and gutter
Other paved surface;Street/curb and gutter;Unpaved surface
Street/curb and gutter;Other (specify below)
Other paved surface
Other paved surface
Other (specify below)
Unpaved surface

Approximately 4,000 gallons of sewer was contained within sink hole and recovered by Vactor truck and returned to sanit. Approximately 500 gallons was recovered by vactor truck, approximately 500 gallons percolated into the soil, and approx

ED 006495 00001076-24016

5/30/2013 9:00	5/30/2013 10:00	5/30/2013 10:05	5/30/2013 15:00
6/4/2013 11:50	6/4/2013 11:50	6/4/2013 12:20	6/4/2013 13:15
6/18/2013 9:20	6/18/2013 9:20	6/18/2013 10:05	6/18/2013 10:10
7/12/2013 10:20	7/12/2013 10:30	7/12/2013 10:30	7/12/2013 12:50
8/19/2013 23:30	8/19/2013 23:53	8/19/2013 23:55	8/20/2013 9:30
8/30/2013 6:00	8/30/2013 7:30	8/30/2013 7:45	8/30/2013 9:30
10/21/2013 12:06	10/21/2013 12:11	10/21/2013 12:18	10/21/2013 12:53
10/21/2013 11:49	10/21/2013 11:52	10/21/2013 12:18	10/21/2013 12:54
10/30/2013 10:27	10/30/2013 10:47	10/30/2013 11:18	10/30/2013 12:53
9/11/2007 7:30	9/11/2007 8:05	9/11/2007 8:30	9/11/2007 8:50
10/30/2008 7:00	10/30/2008 7:15	10/30/2008 7:25	10/30/2008 7:30
11/13/2008 1:30	11/13/2008 1:30	11/13/2008 1:45	11/13/2008 1:55
12/20/2008 7:30	12/20/2008 8:00	12/20/2008 9:00	12/20/2008 9:05
3/6/2009 1:30	3/6/2009 1:30	3/6/2009 1:30	3/6/2009 2:30
7/16/2010 1:00	7/16/2010 1:00	7/16/2010 1:15	7/16/2010 1:30
1/5/2012 11:50	1/5/2012 12:00	1/5/2012 12:10	1/5/2012 12:20
11/17/2013 13:12	11/17/2013 13:12	11/17/2013 14:00	11/17/2013 13:30
7/23/2010 14:00	7/23/2010 15:00	7/23/2010 15:07	7/23/2010 19:00
2/18/2008 7:00	2/18/2008 7:00	2/18/2008 7:05	2/18/2008 9:30
3/7/2008 8:15	3/7/2008 8:15	3/7/2008 8:25	3/7/2008 11:00
7/1/2008 10:00	7/1/2008 10:00	7/1/2008 10:10	7/1/2008 11:00
11/11/2008 8:15	11/11/2008 8:15	11/11/2008 8:15	11/11/2008 8:30
11/23/2009 8:00	11/23/2009 8:00	11/23/2009 8:00	11/23/2009 9:00
12/17/2009 10:11	12/17/2009 10:11	12/17/2009 10:24	12/17/2009 11:00
1/7/2010 12:30	1/7/2010 12:30	1/7/2010 12:45	1/7/2010 13:45
2/14/2010 9:35	2/14/2010 11:10	2/14/2010 11:15	2/14/2010 14:00
3/27/2010 11:00	3/27/2010 11:00	3/27/2010 11:10	3/27/2010 12:00
11/21/2010 12:00	11/21/2010 12:14	11/21/2010 12:20	11/21/2010 12:30
12/16/2010 9:30	12/16/2010 9:30	12/16/2010 9:30	12/16/2010 10:30
1/5/2011 7:30	1/5/2011 7:40	1/5/2011 7:40	1/5/2011 7:55
3/19/2011 10:30	3/19/2011 10:30	3/19/2011 10:30	3/19/2011 14:30
3/23/2011 8:45	3/23/2011 9:00	3/23/2011 9:25	3/23/2011 9:45
10/9/2011 9:00	10/9/2011 10:24	10/9/2011 10:40	10/9/2011 11:30
10/22/2011 20:00	10/22/2011 21:30	10/22/2011 21:40	10/22/2011 22:15
11/26/2011 12:00	11/29/2011 11:05	11/29/2011 11:20	11/29/2011 11:40
2/29/2012 11:45	2/29/2012 13:43	2/29/2012 13:52	2/29/2012 14:00
6/28/2012 0:00	6/28/2012 8:05	6/28/2012 8:15	6/28/2012 8:20
8/11/2012 11:00	8/11/2012 11:34	8/11/2012 11:48	8/11/2012 12:10
9/18/2012 5:00	9/18/2012 8:45	9/18/2012 9:00	9/18/2012 9:15
2/20/2013 0:00	2/20/2013 7:40	2/20/2013 7:40	2/20/2013 8:15
9/30/2013 6:00	9/30/2013 7:40	9/30/2013 7:40	9/30/2013 8:00
10/15/2007 8:00	10/16/2007 8:00	10/16/2007 8:15	10/16/2007 8:30
11/14/2007 10:00	11/15/2007 7:26	11/15/2007 7:50	11/15/2007 8:30
2/8/2008 9:00	2/8/2008 10:30	2/8/2008 11:00	2/8/2008 11:00
4/3/2008 15:00	4/3/2008 16:25	4/3/2008 16:40	4/3/2008 16:30
11/10/2008 18:00	11/12/2008 10:26	11/12/2008 11:28	11/12/2008 12:00
2/12/2010 0:00	2/16/2010 10:45	2/16/2010 11:00	2/16/2010 12:00
4/11/2010 23:00	4/12/2010 12:10	4/12/2010 12:20	4/12/2010 12:45
6/26/2010 9:00	6/26/2010 12:10	6/26/2010 12:35	6/26/2010 0:45
12/29/2010 8:00	12/29/2010 12:30	12/29/2010 12:30	12/29/2010 12:35
4/17/2012 18:00	4/17/2012 18:20	4/17/2012 19:00	4/17/2012 20:00
5/1/2013 8:00	5/1/2013 9:17	5/1/2013 9:30	5/1/2013 9:50
11/15/2008 4:04	11/15/2008 5:05	11/15/2008 5:05	11/15/2008 5:05
12/27/2008 12:16	12/28/2008 10:10	12/27/2008 12:00	12/27/2008 16:16
9/18/2009 8:00	9/18/2009 8:05	9/18/2009 8:15	9/18/2009 14:00

Other (specify below)
Root intrusion
Other (specify below)
Pipe structural problem/failure
Pipe structural problem/failure
Other (specify below)
Other (specify below)
Other (specify below)
Pipe structural problem/failure
Root intrusion
Pump station failure
Other (specify below)
Vandalism
Other (specify below)
Debris-Rags
Other (specify below)
Root Intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Pump station failure
Pump station failure
Other (specify below)
Pump station failure
Pipe structural problem/failure
Other (specify below)
Debris-Rags
Pump station failure
Grease deposition (FOG)
Pump station failure
Debris-General
Other (specify below)
Pipe structural problem/failure
Pump station failure
Debris-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Pipe structural problem/failure
Pump station failure
Debris-General
Pump Station Failure-Mechanical
Root intrusion
Pipe structural problem/failure
Grease deposition (FOG)
Pipe structural problem/failure
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Vandalism
Pipe structural problem/failure
Debris-Rags
Pump station failure
Debris-General
Debris-General

Mipple connecting companion flange and 90 degree elbow on top of force main failed.

Debris stuck between soft seat and float in 2 air relief valve.

4 inch ball valve failure at the blow off line attached to an air releif valve on a 10 inch force main

Contractor installed a pneumatic plug to bypass area of system and flow diversion was not able to convey amount of water

Contractor installed a pneumatic plug to isolate a gravity pipeline and conveyance line was unable to handle additional flow

FINE ROOTS AND DEBRIS IN PIPE SEGMENT

Spill occurred when sewer line stub-out was struck by excavator.

Roots, debris (toy car, towelettes), grease blocked flow in line.

Roots and Sticks

Well concluded that it was an act of God, the 5.4 earthquake centered in Borrego Springs, CA

Lift Station malfunction

Spill was caused broken check valve on pump

A pump shorted out and lost lift station. The sewage overflowed two man holes.

Forcemain fractured or ruptured

Construction could have caused a blockage and broken pipe to caused the release

Lift station electrical failure

Breaker tripped to pump station.

Grease Blockage

Electric Breaker Tripped

Jammed pump

The lateral has a offset where the lateral connects to the sewer main and rags collect there and block the flow

Someone entered the pump station area and broke off a pressure gauge that allowed water to come out of a 1/4 fitting when the manhole was constructed all of the pipe was not cut out of the channel causing the manhole to rag up. This may

General debris partially clogged the sewer main so sewage flow buildup and slowly spilled through the ground level sewer

Main
Main
Other (specify below)
Other (specify below)
Main
Other (specify below)
Manhole
Manhole
Other (specify below)

Other (specify below)

Main
Main
Main
Manhole
Main

Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Main
Lower Lateral
Other (specify below)
Main
Other (specify below)
Main
Upper Lateral
Other (specify below)
Pump Station-Mechanical

Other (specify below)

Other (specify below)
Main
Main
Other (specify below)
Main
Main

2 inch air relief valve on 18 inch sewer force main.
3 inch pipe from force main to air relief valve.
33 VCP gravity sewer main on Cook St. in Palm Desert
At the threaded union of the 4 inch ball valve

2 coupling on service line for air relief valve.

In power supply controlling lift station pump activation.

10 inch acp force main had a stress crack approx. 8 to 10 feet long.

DISCOVERED A VERIZON POLE WAS PLACED ON TOP OF OUR SEWER LINE.

Pump Station
Gravity Line
Manhole
Manhole
Pump

Manhole

cleanout of the house in the backyard

Debris-General in Gravity Line

At the time this report was first certified Valley Sanitary had a practice of servicing lower laterals. It has now been clarified

Pump station discharge piping.
At a manhole where the main lines merge

The lift station pump tripped.

No
No

6 Sch 80
10 VCP
2 Stainless Steel
3 steel
33 VCP
4 PVC SCH 80
8 VCP
12 VCP
2 Schedule 80 PVC

No

8 vcp

2

No

4 clay

I that the lower lateral does r

8 PVC
24
10
18

20
27
15
25
5
1
180
180

Caution signs were posted around affected golf course water feature. Water Quality samples were collected at affected area.
N/A

N/A

Obtained water quality samples from canal upstream and downstream of the spill location

Small amount of SSO evaporated or soaked into soil. Repaired facility and restored normal operations.

Contaminated soil removed and area sprayed with 3% bleach solution and then covered with clean material.

AFTER NOTIFYING WE MADE REPAIR AND DECONTAMINATED USING 3% BLEACH SOLUTION REMOVED CONTAMINATED SOIL

There was not any standing water where the spill occurred but we disinfected the area around the cleanout where the grass was

Repaired problem with lateral pipe

After determining the cause of stoppage (root intrusion), roots were cut and service was restored back to normal. Lateral

Stoppage was cleared. Street gutters were washed down and water recovered. Water was recovered from storm water runoff

7/12/2013 13:30
8/20/2013 9:30
8/30/2013 13:00

12/20/2008 12:00

7/16/2010 3:30
1/5/2012 3:00

7/23/2010 19:00
2/18/2008 9:30
3/7/2008 12:00
7/1/2008 14:00
11/11/2008 11:00
11/23/2009 14:00
12/17/2009 13:00
1/8/2010 11:00
2/14/2010 14:00
3/27/2010 14:00
11/22/2010 8:30
12/16/2010 12:30
1/5/2011 9:50
3/19/2011 14:30

10/10/2011 2:00
10/23/2011 2:00
12/1/2011 11:00
2/29/2012 16:00

8/12/2012 10:00
9/18/2012 12:15
2/20/2013 13:00

4/18/2012 0:00

12/28/2008 11:15
9/18/2009 13:00

Plan rehabilitation or replacement of sewer; Repaired sewer
Plan rehabilitation or replacement of sewer
Repaired sewer

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

Repaired sewer
Repaired sewer
Repaired sewer
Repaired sewer
Repaired sewer
Repaired sewer
Repaired sewer
Repaired sewer
Repaired sewer
Repaired sewer
Other (specify below)
Other (specify below)
Other (specify below)
Repaired sewer

Repaired sewer
Other (specify below)
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance; Enforcement action against FOG source

Repaired sewer
Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program; Adjusted schedule/method of preventive maintenance

Repaired sewer

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

N/A

Sewer segment is on PM program.

Breaker tripped, possibly caused by high winds.
District will post FOG flyer in local newspaper
Corrective maintenance on lift station

Repaired faulty wiring at pump station do to power surge

No
No
Yes

No

Yes
No

No
No
No
No
No
No
No
No
No
No
No
No
No
No

No
No
No
No

No
No
No

Yes

No
No

N/A
N/A
No noticable effects.
N/A

No
No
No

No

No
No

No
No
No
No
No
No
No
No
No
No
No
No
No
No
No

No
No
No
No

No
No
No

No

Yes
No

N/A
N/A

N/A
None

NA

NA

NA
NA
NA
NA
NA
Na
NA
NA
NA
NA

N/A

NA
N/A

None
N/A
N/A
Buchanan Street Drain
N/A
Coachella canal

NA

NA
None

NA
NA
NA
NA
NA
NA
NA
NA
NA
NA
N/A
NA
N/A

NA
N/A
N/A
N/A
NA
N/A

N/A
N/A

None
None
None

NA
N/A

No water quality samples taken
No water quality samples taken
Biological indicator(s) - specify below

Not applicable to this spill

No water quality samples taken
No water quality samples taken

Not applicable to this spill
Not applicable to this spill
No water quality samples taken;Not applicable to this spill
No water quality samples taken;Not applicable to this spill
No water quality samples taken;Not applicable to this spill
No water quality samples taken;Not applicable to this spill
No water quality samples taken;Not applicable to this spill
No water quality samples taken;Not applicable to this spill
No water quality samples taken;Not applicable to this spill
No water quality samples taken
Not applicable to this spill
Not applicable to this spill
No water quality samples taken

Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill

Not applicable to this spill
Not applicable to this spill
No water quality samples taken

Not applicable to this spill

Not applicable to this spill
Not applicable to this spill

N/A
coliform

None of the above
No water quality samples taken
None of the above

None of the above

None of the above
None of the above

None of the above;No water quality samples taken;Not applicable to this spill
Not applicable to this spill
None of the above;No water quality samples taken;Not applicable to this spill
None of the above;No water quality samples taken;Not applicable to this spill
None of the above;No water quality samples taken;Not applicable to this spill
None of the above;No water quality samples taken;Not applicable to this spill
None of the above;No water quality samples taken;Not applicable to this spill
County Health Agency;Regional Water Quality Control Board;None of the above;No water quality samples taken;Not app
None of the above;No water quality samples taken;Not applicable to this spill
None of the above;No water quality samples taken;Not applicable to this spill
No water quality samples taken
Not applicable to this spill
Not applicable to this spill
No water quality samples taken

Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill

Not applicable to this spill
Not applicable to this spill
No water quality samples taken

Not applicable to this spill

No water quality samples taken
None of the above

N/A
Awaiting results

Calcuated at 10 Gallons per minute multiplied by the duration of the SSO event.
Calculated at 10 gallons per minute multiplied times the duration of the spill.

134298	7/12/2013 12:00
135148	8/20/2013 9:40
135420	8/30/2013 8:45

Jul-60	9/18/2007 10:00
Aug-40	
Aug-02	
Aug-39	
92072	3/6/2009 3:45
104297	7/16/2010 3:30
120093	1/5/2012 2:50

104443	7/23/2010 17:00
81418	2/19/2008 9:28
81965	3/11/2008 7:48
84877	7/2/2008 12:21
88124	11/12/2008 7:14
97875	11/23/2009 10:14
98395	12/17/2009 11:22
100127	1/7/2009 14:21
101155	2/14/2010 11:11
102047	3/27/2010 12:12
107004	11/21/2010 14:30
107537	12/16/2010 10:03
110068	1/5/2011 9:30
111657	3/19/2011 13:08
111810	3/23/2011 11:05
116014	10/9/2011 12:34
116328	10/24/2011 0:00
117072	11/29/2011 13:38
121177	2/29/2012 14:24

124721	8/11/2012 12:12
125633	9/18/2012 9:55
131063	2/20/2013 8:40

122287	4/17/2012 23:00
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89188	12/28/2008 11:00
96395	9/18/2009 13:10

Juan Martinez
Juan Martinez-Collection System Supervisor

7609024392
7609024392

Ken Huntzinger

7603238166

Timothy Roberts (Field Foreman

7604606982

7SSO11186	Active	744841 Donald Spinney	Certified
7SSO11186	Active	750753 Charles Woodland	Certified
7SSO11186	Active	753303 Charles Woodland	Certified
7SSO11186	Active	756982 Charles Woodland	Certified
7SSO11186	Active	759845 Donald Spinney	Certified
7SSO11186	Active	762272 Charles Woodland	Certified
7SSO11186	Active	763927 Donald Spinney	Certified
7SSO11186	Active	771223 Donald Spinney	Certified
7SSO11186	Active	773782 Donald Spinney	Certified
7SSO11186	Active	781390 Hugo Sanchez	Certified
7SSO11186	Active	782516 Hugo Sanchez	Certified
7SSO11186	Active	784251 Lee Gray	Certified
7SSO11186	Active	787925 Lee Gray	Certified
7SSO11186	Active	787990 Hugo Sanchez	Certified
7SSO11186	Active	788559 Lee Gray	Certified
7SSO11186	Active	791634 Len M. Gatlin	Certified
7SSO11186	Active	792428 Len M. Gatlin	Certified
7SSO11186	Active	797552 Hugo Sanchez	Certified
7SSO11186	Active	797663 Hugo Sanchez	Certified
7SSO11186	Active	799544 LEN M GATLIN	Certified
7SSO11186	Active	800232 Hugo Sanchez	Certified
7SSO11186	Active	800244 Lee Gray	Certified
7SSO11186	Active	800542 LEN M GATLIN	Certified
7SSO11186	Active	800553 Lee Gray	Certified
7SSO11186	Active	800604 Lee Gray	Certified
7SSO11186	Active	800706 Carl Danesi	Certified
7SSO11186	Active	800892 Len M Gatlin	Certified
7SSO11186	Active	801180 Hugo Sanchez	Certified
7SSO11187	Active	725963 Juan A. Nessi	Certified
7SSO11187	Active	728046 Mark Bohannan	Certified
7SSO11187	Active	731079 Juan A. Nessi	Certified
7SSO11187	Active	746423 Mark Bohannan	Certified
7SSO11187	Active	778686 Mark Bohanan	Certified
7SSO11187	Active	781488 Mark Bohannan	Certified
7SSO11187	Active	781496 Mark Bohannan	Certified
7SSO11189	Active	746179 Lee Lanahan	Certified
7SSO11189	Active	761323 Ronald Waymire	Certified
7SSO11189	Active	792643 Gustavo Rodriguez	Certified
7SSO11189	Active	800623 Gustavo Rodriguez	Certified
7SSO11194	Active	742223 Preston Rutledge	Certified
7SSO11194	Active	760403 Preston Rutledge	Certified
7SSO11194	Active	792341 Gabriel R. Delao	Certified
7SSO11440	Active	709589 Steve L. Johnson	Certified
7SSO11476	Active	706868	Ready To Certify
7SSO11476	Active	706942	Ready To Certify
7SSO11476	Active	710448	Ready To Certify
7SSO11476	Active	712053	Ready To Certify
7SSO11476	Active	718586	Ready To Certify
7SSO11476	Active	718587	Work In Progress
7SSO11476	Active	719904	Ready To Certify
7SSO11476	Active	719905	Ready To Certify
7SSO11476	Active	724186	Ready To Certify
7SSO11476	Active	724691	Ready To Certify
7SSO11476	Active	724692	Ready To Certify
7SSO11476	Active	725251	Ready To Certify

Correctional Plant Supervisor
Correctional Plant Supervisor
Correctional Plant Manager II
Correctional Plant Manager II
Correctional Plant Supervisor
Correctional Plant Manager II
Correctional Plant Supervisor
Correctional Plant Supervisor
Correctional Plant Supervisor
Chief Engineer I
Chief Engineer I
Supervisor of Building Trades
Supervisor of Building Trades
Chief Engineer I
Supervisor of Building Trades
Chief Water and Sewer Plant Supervisor
Chief Water & Sewer Plant Supervisor
Chief Engineer I
Chief Engineer I
(CHIEF) WATER & SEWER PLANT SUPERVISOR
Chief Engineer I
Supervisor of Building Trades
(CHIEF) WATER & SEWER PLANT SUPERVISOR
Supervisor of Building Trades
Supervisor Of Building Trades
CE-I
(Chief) Water & Sewer Plant Supervisor
Chief Engineer I
CPM II
Chief Engineer
Correctional Plant Manager II
Chief Engineer
Chief Engineer
Chief Engineer
Chief Engineer I
Correctional Plant Manager II
Chief Plant operator
Chief Plant Operator
Chief Plant Operator
Chief Engineer I
Chief Engineer I
Correctional Plant Supervisor (A)
Operations Engineer

Calipatria State Prison		174453
CAL		147988
	4/4/2011	347906
1850 hours		748983
Calipatria State Prison		568059
	4/4/2011	877077
Calipatria State Prison		447986
Calipatria State Prison		587972
Calipatria State Prison		924458
09:32 am at Calipatria State Prison		127342
Calipatria State Prison		184261
Calipatria Prison		305657
Calipatria Prison		164871
Calipatria State Prison		428142
Calipatria State Prison		550530
Calipatria State Prison		462197
Calipatria State Prison		491265
Calipatria State Prison		846686
Calipatria State Prison		916381
Calipatria State Prison		313834
Calipatria State Prison		866081
Calipatria State Prison		753069
CALIPATRIA STATE PRISON		398940
Calipatria Prison		571275
Calipatria State Prison		663690
	10:35	477199
Calipatria State Prison		309408
Calipatria State Prison		854449
Centinela,Imperial,CA.		675317
Imperial,Ca		716708
Centinela State Prison		370369
Imperial,Ca		518180
Centinela		758893
Centinela State Prison		128329
Centinela State Prison		471193
Blythe California		736685
CVSP		688270
Chuckawalla Valley State Prison		991437
CVSP		135558
Ironwood State Prison		144379
1110 hours		192298
Ironwood State Prison		980606
Desert Water Agency		841315

19-Sep-09		22-Sep-09	9/22/2009
18-Mar-10		22-Mar-10	3/22/2010
10-Jun-10	6/10/2010	10-Jun-10	4/4/2011
20-Sep-10	9/20/2010	20-Sep-10	9/20/2010
24-Dec-10	12/24/2010	24-Dec-10	12/24/2010
31-Jan-11	1/31/2011	1-Feb-11	4/4/2011
1-Mar-11	3/1/2011	2-Mar-11	3/2/2011
19-Sep-11	9/19/2011	19-Sep-11	9/19/2011
6-Dec-11	12/6/2011	7-Dec-11	12/7/2011
16-May-12	5/16/2012	17-May-12	5/17/2012
26-Jun-12	6/26/2012	27-Jun-12	6/27/2012
27-Jul-12	7/27/2012	27-Jul-12	7/27/2012
7-Nov-12	11/7/2012	8-Nov-12	11/8/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
29-Nov-12	11/29/2012	3-Dec-12	12/3/2012
13-Feb-13	2/13/2013	13-Feb-13	2/13/2013
7-Mar-13	3/7/2013	7-Mar-13	3/7/2013
6-Aug-13	8/6/2013	6-Aug-13	8/6/2013
8-Aug-13	8/8/2013	8-Aug-13	8/8/2013
8-Oct-13	10/8/2013	8-Oct-13	10/8/2013
25-Oct-13	10/25/2013	25-Oct-13	10/25/2013
25-Oct-13	10/25/2013	28-Oct-13	10/28/2013
6-Nov-13	11/6/2013	6-Nov-13	11/6/2013
6-Nov-13	11/6/2013	7-Nov-13	11/7/2013
8-Nov-13	11/8/2013	8-Nov-13	11/8/2013
13-Nov-13	11/13/2013	13-Nov-13	11/13/2013
20-Nov-13	11/20/2013	20-Nov-13	11/20/2013
27-Nov-13	11/27/2013	27-Nov-13	11/27/2013
9-Sep-08		11-Sep-08	9/11/2008
17-Oct-08		17-Oct-08	12/2/2010
24-Dec-08		5-Jan-09	1/5/2009
2-Nov-09		2-Dec-10	12/2/2010
15-Mar-12	3/15/2012	2-Apr-12	4/2/2012
21-May-12	5/21/2012	21-May-12	5/21/2012
21-May-12	5/21/2012	21-May-12	5/21/2012
27-Oct-09		27-Oct-09	10/27/2009
14-Jan-11	1/14/2011	14-Jan-11	3/14/2012
14-Mar-13	3/19/2013	19-Mar-13	3/19/2013
8-Nov-13	11/8/2013	8-Nov-13	11/8/2013
31-Jul-09		31-Jul-09	7/31/2009
7-Jan-11	1/7/2011	7-Jan-11	1/7/2011
4-Mar-13	3/4/2013	4-Mar-13	3/4/2013
17-Dec-07		17-Dec-07	12/17/2007
30-Oct-07			
31-Oct-07			
27-Dec-07			
30-Jan-08			
2-Jun-08			
2-Jun-08			
19-Jun-08			
19-Jun-08			
4-Aug-08			
14-Aug-08			
14-Aug-08			
26-Aug-08			

Category 2		75000	5000
Category 3		200	0
Category 3		25	15
Category 3		720	0
Category 2		2200	0
Category 1		800	0
Category 3		50	0
Category 3		600	0
Category 3		500	30
Category 3		300	0
Category 3		30	0
Category 3		300	0
Category 1		60	0
Category 3		250	0
Category 1		200	0
Category 3		60	0
Category 3		200	0
Category 3		50	0
Category 3		40	0
Category 3	40	40	0
Category 3	250	250	0
Category 3	350	350	0
Category 3	50	50	0
Category 3	8	8	0
Category 3	20	20	0
Category 3	30	30	0
Category 3	250	250	0
Category 3	50	50	0
Category 3		600	0
Category 3		100	0
Category 3		300	0
Category 3		400	0
Category 3		800	600
Category 3		20	0
Category 3		50	0
Category 2		3300	0
Category 3		500	490
Category 3		750	0
Category 3	200	200	0
Category 3		300	0
Category 3		150	0
Category 3		300	0
Category 3		500	500
Category 1		2500	0
Category 1		1500	0
Category 2		1500	0
Category 2		7500	0
Category 3		250	0
Category 3		250	0
Category 3		300	0
Category 3		150	0
Category 3		300	0
Category 3		150	0
Category 3		300	0
Category 2		2500	0

[illegible]

[illegible]

Calipatria State Prison
Calipatria State Prison
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Calipatria State Prison
Calipatria State Prison
Calipatria State Prison
Calipatria State Prison A Yard Dining
Calipatria State Prison, Housing Unit B2
CALIPATRIA STATE PRISON
Calipatria State Prison
Manhole SS4
C-5 B secection clean-out
C-5 C-Section
C-4 B-Section
C 2
Chlorine Building
Dorm II Utility Closet
Chuckawalla Valley State Prison
Chuckawalla Valley State Prison
Chuckawalla Valley State Prison
Chuckawalla Valley State Prisoin
E Yard Dorm 2
B Facility - Building #331
E Yard Dorm 1
Cathedral City Cove
Del Valle Rd.
Bldg. 694
Griffin & 7th
Camp Wilson Lift Station #6
Bldg. 901
Bldg. 901
Lift Station #6
Lift Station #6
Lift Station #3
Lift Station #3
Lift Station #3
Camp Wilson Lift Station #6

33.11322	-115.49308 Imperial
33.11322	-115.49309 Imperial
33.11322	-115.49308 Imperial
33.11322	-115.49309 Imperial
33.11322	-115.49308 Imperial
33.11322	-115.49309 Imperial
33.11322	-115.49308 Imperial
33.11322	-115.49308 Imperial
33.11322	-115.49308 Imperial
33.16324	-115.47822 Imperial
33.16307	-115.48476 Imperial
33.16543	-115.48605 Imperial
33.16307	-115.48476 Imperial
33.11322	-115.49309 Imperial
33.16307	-115.48476 Imperial
33.11322	-115.49309 Imperial
33.16306	-115.48466 Imperial
33.16307	-115.48476 Imperial
33.16771	-115.49152 Imperial
33.16306	-115.48466 Imperial
33.16419	-115.47773 Imperial
33.16795	-115.48106 Imperial
33.19273	-115.17517 Imperial
33.1658	-115.48704 Imperial
33.16579	-115.48716 Imperial
33.16306	-115.48466 Imperial
33.11322	-115.49309 Imperial
33.16256	-115.48182 Imperial
32.822319	115.784358 Imperial
32.82024	-115.79036 Imperial
32.823333	115.787778 Imperial
32.82104	-115.79092 Imperial
32.82104	-115.7909 Imperial
32.82282	-115.77989 Imperial
32.81944	-115.79463 Imperial
33.56601	-114.90813 Riverside
33.60516	-114.90206 Riverside
33.5638	-114.91362 Riverside
33.56085	-114.91613 Riverside
33.56321	-114.92095 Riverside
33.56121	-114.92731 Riverside
33.56321	-114.92095 Riverside
33.775	116.461667 Riverside
34.216383	116.046911 San Bernardino
34.210817	116.044306 San Bernardino
34.238933	116.058222 San Bernardino
34.3094	116.1443 San Bernardino
34.208889	116.053333 San Bernardino
34.208889	116.053333 San Bernardino
34.3094	116.1443 San Bernardino
34.3094	116.1443 San Bernardino
34.869444	116.5925 San Bernardino
34.869444	116.5925 San Bernardino
34.869444	116.5925 San Bernardino
34.573889	116.669167 San Bernardino

[illegible]

Within Calipatria State Prison in front of Fire house building 701 and in back of building 802
Build 433 B Yard Dining, Gray water overflowed from plugged grease trap
South of Building # 345 (C1)

Behind D-5 on the main road around the Institution.

On the East side of the PK Building #800
North of Building 461, Central Kitchen
In front of Building 553
on the north side of the level one dining building 903
Calipatria State Prison, Level One, Dorm 2, Building 902, Plumbing Chase.
The outside, back of B-2 Housing Unit cells 209 and 109 mainline overflow.
The spill occurred at manhole #45. Between 504 and 802 buildings.

Sewer line to grease trap on A Facility overflowed out of cleanout.

Calipatria State Prison-Level One, Dorm 2, Building 902, Plumbing Chase.
Calipatria State Prison main sewer line from Inmate Work Labor
Northwest corner of the prison grounds, on open ground.
Level one kitchen building 905, main clean out outside of building
Unpaved, dirt road
Observation Tower # 2 located on the Southcentral side of the Institution.

Gravel parking driveway area.
Building 505 Paroles trailer outside sewer line

Main cleanout behind C-5 C-section
C-4 B-Section
C2 - A section
Chlorine Building

Between C and D Yard
The spill location was at the outer perimeter of A yard Vocational Education.
The spill location was at F-2 Building in F yard.
Cleanout on East side of Dorm 2

Cleanout on the east side of Dorm 1
Manhole at end of San Jacinto Drive

Side of road on Griffin.

1
1
1
1
1
1
1
1
1
1

1

Other sewer system structure
Building or structure
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Building or structure
Other (specify)
Building or structure
Gravity sewer
Force Main;Lateral Clean Out (Public)
Gravity Mainline
Gravity Mainline
Inside Building or Structure
Gravity Mainline
Gravity Mainline
Manhole
Force Main
Gravity Mainline
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Other (specify)
Gravity sewer
Manhole
Gravity sewer
Manhole
Lateral Clean Out (Public)
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Building or structure
Manhole
Pump station
Pump station
Pump station
Pump station
Pump station
Pump station
Pump station
Pump station
Pump station

The spill was seen at the Plumbing Chase Drain due to building internal sewer line plug.

Wastewater Lift Station Electrical Panel, Pumps Tripped out due to power failure.

Spill came out of one cleanout.

Tower # 2's restroom toilet valve malfunctioned creating an overflow that ran down the tower onto the ground.

N/A

Froce main cleanout cap came off.

Floor Drain

Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Unpaved surface
Other paved surface
Separate storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Building or structure
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Drainage Channel;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Building or structure;Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Separate storm drain
Drainage Channel
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain
Storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Other paved surface
Other paved surface
Unpaved surface

The storm drain holding pond.

Retaining pond

A retaining pond with no surface water

An estimated 30 gals sewer water flowed from the plumbing chase to the bare ground just outside the plumbing chase do

The spill was seen at the plumbing chase of the building internal sewer line plug

Unpaved,dirt road.

N/A

stayed in storm drain piping

Paved storm drain and contained with in the drain.

Water was contained within paved storn drain with no relese.

9/18/2009 21:30	9/18/2009 21:40	9/18/2009 22:00	9/19/2009 11:00
3/18/2010 7:00	3/18/2010 7:00	3/18/2010 7:20	3/18/2010 9:30
6/10/2010 12:00	6/10/2010 12:10	6/10/2010 12:15	6/10/2010 15:00
9/20/2010 3:30	9/20/2010 5:25	9/20/2010 3:50	9/20/2010 5:30
12/24/2010 9:30	12/24/2010 9:30	12/24/2010 9:30	12/24/2010 10:30
1/31/2011 16:30	1/31/2011 16:45	1/31/2011 17:20	1/31/2011 18:00
3/1/2011 12:05	3/1/2011 15:00	3/1/2011 12:20	3/1/2011 12:40
9/19/2011 11:00	9/19/2011 11:08	9/19/2011 11:20	9/19/2011 11:32
12/6/2011 13:00	12/6/2011 13:05	12/6/2011 13:10	12/6/2011 14:00
5/15/2012 12:00	5/16/2012 9:07	5/15/2012 13:50	5/16/2012 10:40
6/26/2012 8:00	6/26/2012 8:05	6/26/2012 8:10	6/26/2012 8:15
7/26/2012 10:00	7/26/2012 11:00	7/26/2012 11:30	7/27/2012 12:30
11/7/2012 10:30	11/7/2012 1:19	11/7/2012 10:35	11/7/2012 11:15
11/12/2012 9:30	11/12/2012 9:45	11/12/2012 11:30	11/12/2012 12:00
11/27/2012 6:45	11/29/2012 8:35	11/28/2012 7:45	11/28/2012 8:15
2/13/2013 9:30	2/13/2013 11:05	2/13/2013 9:45	2/13/2013 10:15
3/6/2013 16:45	3/6/2013 16:58	3/6/2013 17:15	3/6/2013 17:21
8/5/2013 8:00	8/6/2013 9:26	8/6/2013 9:26	8/5/2013 16:30
8/6/2013 9:00	8/6/2013 13:45	8/6/2013 9:00	8/7/2013 13:00
10/8/2013 7:00	10/8/2013 7:05	10/8/2013 7:15	10/8/2013 7:10
10/24/2013 12:00	10/24/2013 12:50	10/24/2013 13:00	10/24/2013 15:30
10/25/2013 11:47	10/25/2013 11:50	10/25/2013 13:20	10/25/2013 13:30
11/6/2013 7:20	11/6/2013 7:30	11/6/2013 8:00	11/6/2013 11:00
11/6/2013 10:15	11/6/2013 1:41	11/6/2013 12:16	11/6/2013 10:20
11/8/2013 6:30	11/8/2013 7:05	11/8/2013 7:30	11/8/2013 6:45
11/13/2013 6:00	11/13/2013 7:30	11/13/2013 8:00	11/13/2013 8:30
11/19/2013 10:00	11/19/2013 10:08	11/19/2013 10:18	11/19/2013 12:30
11/21/2013 9:00	11/21/2013 9:30	11/21/2013 10:00	11/26/2013 11:00
9/7/2008 17:30	9/7/2008 18:00	9/7/2008 18:45	9/7/2008 19:38
10/16/2008 5:00	10/16/2008 6:00	10/16/2008 7:00	10/16/2008 7:30
12/19/2008 6:00	12/19/2008 7:00	12/19/2008 7:30	12/19/2008 8:22
10/28/2009 5:00	10/28/2009 7:00	10/28/2009 7:15	10/28/2009 7:30
3/15/2012 7:00	3/15/2012 8:30	3/15/2012 8:45	3/15/2012 9:00
5/17/2012 6:30	5/17/2012 7:00	5/17/2012 7:00	5/17/2012 7:00
5/17/2012 7:00	5/17/2012 7:15	5/17/2012 7:30	5/17/2012 8:30
10/25/2009 8:30	10/25/2009 8:39	10/25/2009 8:30	10/25/2009 9:20
1/13/2011 0:00	1/13/2011 11:00	1/13/2011 11:00	1/13/2011 12:30
3/14/2013 5:00	3/14/2013 6:00	3/14/2013 7:00	3/14/2013 7:30
11/8/2013 11:10	11/8/2013 11:20	11/8/2013 11:30	11/8/2013 11:45
7/14/2009 13:30	7/14/2009 14:00	7/14/2009 14:05	7/14/2009 14:30
11/10/2010 10:00	11/10/2010 11:00	11/10/2010 11:15	11/10/2010 11:30
2/20/2013 7:00	2/20/2013 9:00	2/20/2013 7:30	2/20/2013 9:00
11/26/2007 10:45	11/26/2007 10:45	11/26/2007 10:55	11/26/2007 14:00
10/29/2007 12:00	10/29/2007 14:30	10/29/2007 15:00	10/29/2007 16:00
10/29/2007 14:00	10/29/2007 14:30	10/29/2007 15:30	10/29/2007 16:00
12/26/2007 6:30	12/26/2007 7:20	12/26/2007 7:51	12/26/2007 8:30
1/29/2008 2:00	1/29/2008 8:00	1/29/2008 7:30	1/29/2008 8:30
5/30/2008 0:00	5/30/2008 0:00	5/30/2008 0:00	5/30/2008 0:00
5/30/2008 1:00	5/30/2008 13:15	5/30/2008 13:30	5/30/2008 13:50
6/5/2008 8:00	6/5/2008 11:00	6/5/2008 11:00	6/5/2008 11:20
6/12/2008 12:00	6/12/2008 12:10	6/12/2008 12:20	6/12/2008 12:30
8/1/2008 7:00	8/1/2008 7:30	8/1/2008 7:35	8/1/2008 8:00
8/1/2008 13:00	8/1/2008 13:30	8/1/2008 13:35	8/1/2008 13:45
8/8/2008 7:50	8/8/2008 7:50	8/8/2008 7:55	8/8/2008 8:00
8/24/2008 20:00	8/24/2008 22:00	8/24/2008 22:00	8/24/2008 22:05

Debri-General
Grease deposition (FOG)
Debri-Rags
Debri-Rags
Debri-General
Debri-General
Debri-General
Debri-General
Debri-Rags
Debri-General
Debri-General
Vandalism
Other (specify below)
Debri-Rags
Vandalism
Debri-General
Pump station failure
Debri-General
Debri-General
Debris-General
Debris-General
Debris-General
Other (specify below)
Debris-General
Debris-General
Debris-General
Other (specify below)
Pipe Structural Problem/Failure - Installation
Pump station failure
Debri-General
Debris
Debri-General
Debri-General
Other (specify below)
Debri-Rags
Grease deposition (FOG)
Pipe structural problem/failure
Debri-General
Debris-General
Debri-General
Debri-General
Debri-General
Other (specify below)
Debris
Grease deposition (FOG)
Debris
Grease deposition (FOG)
Pump station failure
Pump station failure
Pump station failure
Other (specify below)
Pump station failure
Debris
Debris
Pump station failure

Plugged grease trap

Mainline was plugged with paper towels and hair nets flushed by the inmates in cell 209 or 109 or both.
Housing Unit B-1 inmates flushed too much debris and plugged up the mainline.

Debris, trash.

Toilet valve malfunctioned due to age and wear.

Spill had begun and stopped by the time I saw it. I saw the SSO while walking to my assigned work area.

N/A

Cleanout cap did not seal properly, allowing spillage when the force main was pressurized.

Fail-Safe Valve closed raising the contact chamber that back flowed to floor drain

Gravity piping collapsed and cause back up of sewage.

New sewer main construction. Contractor left plug in portion of approved sewer. Resident discharged swimming pool water

System line was cleared and placed back into service.

contractor hit a line.

one pump is being repaired and baby wipes and other material plugged the good pump.

Main
Other (specify below)
Upper Lateral
Main
Main
Main
Main
Lower Lateral
Main
Main
Other (specify below)
Other (specify below)
Main
Upper Lateral
Main
Other (specify below)
Other (specify below)
Other (specify below)
Main
Force Main
Gravity Mainline
Gravity Mainline
Other (specify below)
Gravity Mainline
Gravity Mainline
Gravity Mainline
Force Main
Gravity Mainline

Main

Lower Lateral
Other (specify below)
Main

Lower Lateral
Main
Gravity Mainline
Upper Lateral
Upper Lateral
Upper Lateral
or into sewer.

At the grease trap

The debris in the sewer line causing a plug.

North of Building 461, Central Kitchen at the grease trap.

Internal building drain line

The spill came out of the clean out for cells 209 and 109 in the back of Housing Unit B-2.

Wastewater Drain running from the Water Treatment Plant Office to the Wastewater Lift Station approximately 300 Ft from
Wastewater Lift Station / Electrical Panel / Pumps Tripped out due to power failure.

Internal building drain line

Observation Tower # 2 restroom toilet.

N/A

Contact Chamber

12
4 cast iron
4 Cast

0
2 cast iron
4 Cast Iron
PVC

4 Cast iron

m the office.

No
No
No
No
No
No
No
No
No

2 cast iron
4 Plastic
4 PVC
4 cast iron
4 plastic

3 Plastic
4 Cast Iron

4 Plastic ABS

4

4

4 sand

No

4 Cast Iron
Cast Iron
4 Cast Iron
8 vcp

18
19

0
20
20
20

20

20
10
120
22
264

240
240

120

20

15
15
18

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Contained all or portion of spill;Restored flow
Restored flow
Contained all or portion of spill;Restored flow
Restored flow
Inspected sewer using CCTV to determine cause;Restored flow

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Returned all or portion of spill to sanitary sewer syst
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow

Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow

NA

N/A

N/A
N/A

disinfected affected areas and cleaned up with dirt and stored affected dirt at the Wastewater Treatment Facility.

9/19/2009 11:00

9/20/2010 7:00
12/24/2010 13:00
1/31/2011 20:00

10/25/2009 16:00
1/13/2011 16:00
3/14/2013 9:00

10/29/2007 16:30
10/29/2007 16:30
12/27/2007 9:10
1/29/2008 9:30

8/25/2008 11:00

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Enforcement acti

Repaired sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Repaired sewer

Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance

Replaced broken piping

Cleared Blockage
System line was cleared and placed back into service.

No

No
No
No

Yes
No
No

No
No
No
Yes

No

N/A

N/A

N/A

N/A

N/A

No

No
No
No

No
No
No

No
No
No
No

No

NA

No

N/A
N/A

N/A

N/A
N/A

N/A

None

NA
NA
NA
NA

NA

NA

N/A

No impact

None

No impact

No impact

N/A

N/A

N/A

N/A

None

None were impacted

None

None

N/A

N/A

None

NONE

None

NONE

N/A

N/A

None

Ironwood State Prison

NA

NA

NA

NA

NA

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

No water quality samples taken

Not applicable to this spill

No water quality samples taken

None of the above

Not applicable to this spill

None of the above

None of the above

None of the above;No water quality samples taken;Not applicable to this spill

Regional Water Quality Control Board

Not applicable to this spill

No water quality samples taken

No water quality samples taken

None of the above

Not applicable to this spill

No water quality samples taken

By the size of the wet area on the ground which was approximately 12-15 ft in diameter, radiating around the cleanout/po
visual

Estimated amount of flow per hour.

Spill was visually estimated as well as knowing the scullery machine that empties into this sewer line only runs for about 3
I am estimating the time the SSO began and ended by the set times the inmate workers arrive to work in the Dinings. And

visual

96419	9/19/2009 21:45
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105661	9/20/2010 5:28
107839	12/24/2010 12:00

115569	9/19/2011 12:30
117233	12/6/2011 14:00

76663	10/30/2007 11:00
76664	10/30/2007 11:00
77918	12/26/2007 9:41
80893	1/29/2008 13:13

86182	8/25/2008 11:42
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Len M. Gatlin, (Chief) Water & Sewer Plant Supervisor	7.60349E+13
Hugo Sanchez, Chief Engineer I	7.60349E+13
Lee Gray	7.60349E+13
LEN M GATLIN	7603487000
Lee Gray Supervisor of Building Trades	7.60349E+13
Supervisor Of Building Trades, Lee Gray	7.60349E+13
Carl Danesi	7603487000
Len M Gatlin, (Chief) Water & Sewer Plant Supervisor	7.60349E+13
Hugo Sanchez, Chief Engineer I	7.60349E+13

Gustavo Rodriguez	7.60923E+13
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7SSO11476	Active	727806	Ready To Certify
7SSO11476	Active	727809	Ready To Certify
7SSO11476	Active	727811	Ready To Certify
7SSO11476	Active	727814	Ready To Certify
7SSO11476	Active	728234	Ready To Certify
7SSO11476	Active	730108	Ready To Certify
7SSO11476	Active	730109	Ready To Certify
7SSO11476	Active	730111	Ready To Certify
7SSO11476	Active	730113	Ready To Certify
7SSO11476	Active	730115	Ready To Certify
7SSO11476	Active	730116	Ready To Certify
7SSO11476	Active	730159	Ready To Certify
7SSO11476	Active	731036	Ready To Certify
7SSO11476	Active	732209	Ready To Certify
7SSO11476	Active	733921	Ready To Certify
8SSO10539	Active	776090 Amanda Grey	Certified
8SSO10539	Active	776096 Amanda Grey	Certified
8SSO10539	Active	776097 Amanda Grey	Certified
8SSO10539	Active	776100 Amanda Grey	Certified
8SSO10539	Active	780252 Amanda Grey	Certified
8SSO10539	Active	780253 Amanda Grey	Certified
8SSO10539	Active	785865 Amanda Grey	Certified
8SSO10539	Active	800839 Amanda Grey	Certified
8SSO10542	Active	645455 Keith Linker	Certified
8SSO10542	Active	653696 Keith Linker	Certified
8SSO10542	Active	654410 Keith Linker	Certified
8SSO10542	Active	654604 Keith Linker	Certified
8SSO10542	Active	657423 Keith Linker	Certified
8SSO10542	Active	657780 Keith Linker	Certified
8SSO10542	Active	705358 Keith Linker	Certified
8SSO10542	Active	705362 Keith Linker	Certified
8SSO10542	Active	706803 Keith Linker	Certified
8SSO10542	Active	707144 Keith Linker	Certified
8SSO10542	Active	708576 Keith Linker	Certified
8SSO10542	Active	711515 Keith Linker	Certified
8SSO10542	Active	712121 Keith Linker	Certified
8SSO10542	Active	715235 Keith Linker	Certified
8SSO10542	Active	718279 Keith Linker	Certified
8SSO10542	Active	725876 Keith Linker	Certified
8SSO10542	Active	728220 Jonathan Heffernan	Certified
8SSO10542	Active	733923 Jonathan Heffernan	Certified
8SSO10542	Active	742732 Jonathan Heffernan	Certified
8SSO10542	Active	747872 Jonathan Heffernan	Certified
8SSO10542	Active	758839 Jonathan Heffernan	Certified
8SSO10542	Active	767580 Jonathan Heffernan	Certified
8SSO10542	Active	771190 Jonathan Heffernan	Certified
8SSO10542	Active	773346 Jonathan Heffernan	Certified
8SSO10542	Active	774803 Jonathan Heffernan	Certified
8SSO10542	Active	777784 Jonathan Heffernan	Certified
8SSO10542	Active	778868 Jonathan Heffernan	Certified
8SSO10542	Active	783500 Jonathan Heffernan	Certified
8SSO10542	Active	784692 Jonathan Heffernan	Certified
8SSO10542	Active	785884 Jonathan Heffernan	Certified
8SSO10542	Active	789392 Jonathan Heffernan	Certified
8SSO10542	Active	796559 Jonathan Heffernan	Certified

[illegible]

Riverside CA		854497
Riverside CA		631509
Riverside CA		359620
Riverside CA		420773
Riverside CA		499197
Riverside CA		305459
Riverside		477542
Riverside, CA		262089
	10:21 AM	827130
	2:21 PM	933195
	9:06 AM	219718
	8:41 AM	943334
	3:36 PM	669611
	3:53 PM	292781
	9:06 AM	628927
	9:11 AM	170510
	13:11	840504
	9:55 AM	571216
	9:07 AM	427032
	12:23 PM	194416
	11:10 AM	477133
	1:54 PM	107829
	12:34 PM	384070
	10:52 AM	714168
	2:07 PM	393661
	1409	644548
	12:24 PM	562248
	1402	300162
	9:38 AM	653469
	8:22 AM	932506
	10:54 AM	260581
	7:27 AM	928761
	9:13 AM	912067
	2:10 PM	263638
6:24AM		719285
6:15AM		630137
7:00AM		410960
	7:13 AM	749442
1:29PM		502709
	2:16 PM	489200

14-Oct-08			
14-Oct-08			
14-Oct-08			
14-Oct-08			
22-Oct-08			
2-Dec-08			
2-Dec-08			
2-Dec-08			
2-Dec-08			
2-Dec-08			
2-Dec-08			
3-Dec-08			
23-Dec-08			
21-Jan-09			
20-Feb-09			
19-Jan-12	1/23/2012	23-Jan-12	1/23/2012
19-Jan-12	1/23/2012	23-Jan-12	1/23/2012
19-Jan-12	1/23/2012	23-Jan-12	1/23/2012
19-Jan-12	1/23/2012	23-Jan-12	1/23/2012
18-Apr-12	4/18/2012	31-May-12	5/31/2012
18-Apr-12	4/18/2012	18-Apr-12	4/18/2012
4-Sep-12	9/4/2012	4-Sep-12	9/4/2012
18-Nov-13	11/18/2013	18-Nov-13	11/18/2013
10-Jan-07		23-Jan-07	1/23/2007
6-Jul-07		12-Jul-07	7/12/2007
19-Jul-07		20-Jul-07	9/2/2008
24-Jul-07		26-Jul-07	7/26/2007
14-Sep-07		26-Sep-07	9/26/2007
20-Sep-07		26-Sep-07	9/26/2007
16-Oct-07		29-Oct-07	10/29/2007
16-Oct-07		29-Oct-07	10/29/2007
30-Oct-07		1-Nov-07	11/1/2007
5-Nov-07		8-Nov-07	11/8/2007
3-Dec-07		5-Dec-07	12/5/2007
22-Jan-08		24-Jan-08	1/24/2008
31-Jan-08		1-Feb-08	2/1/2008
24-Mar-08		27-Mar-08	3/27/2008
29-May-08		2-Jun-08	6/2/2008
7-Sep-08		12-Sep-08	9/12/2008
21-Oct-08		2-Dec-10	12/2/2010
20-Feb-09		26-Feb-09	2/26/2009
10-Aug-09		13-Aug-09	8/13/2009
24-Dec-09		29-Dec-09	12/29/2009
22-Nov-10	11/22/2010	3-Dec-10	12/3/2010
17-Jun-11	6/17/2011	21-Jun-11	6/21/2011
19-Sep-11	9/19/2011	23-Sep-11	9/23/2011
21-Nov-11	11/21/2011	30-Nov-11	11/30/2011
27-Dec-11	12/27/2011	3-Jan-12	1/3/2012
21-Feb-12	2/21/2012	12-Mar-12	3/12/2012
21-Mar-12	3/21/2012	4-Apr-12	4/4/2012
16-Jul-12	7/16/2012	21-Aug-12	8/21/2012
6-Aug-12	9/12/2012	12-Sep-12	9/12/2012
4-Sep-12	9/20/2012	20-Sep-12	9/20/2012
26-Dec-12	12/26/2012	2-Jan-13	1/2/2013
8-Jul-13	7/8/2013	23-Jul-13	7/23/2013

Category 3	200	0
Category 3	100	0
Category 2	2000	0
Category 2	2500	0
Category 3	100	0
Category 3	50	0
Category 3	250	0
Category 2	2000	0
Category 3	200	0
Category 3	100	0
Category 3	300	0
Category 3	100	0
Category 2	2000	1000
Category 3	75	0
Category 2	4000	0
Category 3	49	45
Category 3	50	40
Category 3	30	0
Category 3	50	40
Category 3	50	0
Category 3	50	0
Category 3	50	50
Category 3	300	250
Category 1	320	100
Category 1	300	50
Category 1	360	300
Category 1	120	20
Category 1	10	7
Category 1	900	200
Category 1	800	400
Category 1	150	5
Category 2	1300	1300
Category 1	405	400
Category 1	2250	0
Category 1	250	0
Category 1	500	300
Category 3	150	150
Category 1	200	200
Category 1	4000	3200
Category 3	780	780
Category 3	445	445
Category 1	208	70
Category 3	450	40
Category 3	20	20
Category 1	1260	1260
Category 3	540	200
Category 3	720	0
Category 3	810	810
Category 3	20	20
Category 3	540	540
Category 3	2	2
Category 1	20	19
Category 1	50	10
Category 1	120	0
Category 1	350	150

0 Yes	No
0 No	No
0 Yes	No
0 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
220 Yes	Yes
250 Yes	Yes
60 Yes	Yes
100 No	Yes
3 No	Yes
700 No	Yes
400 Yes	Yes
145 No	Yes
0 No	No
5 No	Yes
2250 Yes	Yes
250 No	Yes
200 Yes	Yes
0 No	No
100 Yes	Yes
800 Yes	Yes
0 Yes	Yes
0 Yes	Yes
138 No	Yes
0 No	Yes
0 No	No
1260 Yes	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
1 No	Yes
40 Yes	Yes
120 Yes	Yes
200 Yes	Yes

Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
No
No
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No
Not Applicable - Spill did not reach storm drainpipe
Yes
No
No
Yes
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
No
No
No

Bldg. 1403
Bldg. 1668
Del Valle Rd.
Bldg. 1408
Northeast of Bldg. 1946
Bldg 901
Lift Station #3
Corner of Mineral and Desert
Bldg. 694
RV Park Space #73
Rv Park space #73
Bldg. 1517
RV Park Space # 73
Bldg. 901
Lift Station #6
Man hole A15b Central Utility Plant (Steam Plant)
Fleet cleanout upstream of f9 manhole
Cleanout upstream from A15k manhole, former Director Residence
Fleet cleanout upstream of f9 manhole
****DUPLICATE** SEE 780253** Hillside above EH&S building**
Hillside above EH&S building
Parking lot of EH&S
3353 Utah Ave, Riverside CA 92501
Intersection of Ball Rd. and Gilbert St.
Near 400 N. Loara St.
1116 N. Anaheim Blvd.
S. Haster Street at E. Orangewood Avenue
5836 E. Trapper Trail
Expo Dye and Finishing, Inc.
Busy Bee Restaurant
Near 104 E Leatrice Lane
Oneida Ave. and Sherrill St.
Intersection of Minerva Ave. and Valley St.
Lakeview Ave.
1501 E. La Palma Ave.
2793 W. Lincoln Ave.
Intersection of Ward Terrace and New Avenue
114 E. Wilhelmina St.
Sycamore Park
1105 E. Katella Ave.
La Palma & Anaheim Blvd
7491 Mill Stream Circle
Fairmont Blvd.
1365 Knollwood Circle
Harbor & Vermont
1514 E Lincoln Ave
1169 N Knollwood Circle
1227 W Romneya
1150 N Citron
1521 E Lincoln Ave
Knollwood Circle
705 W Victor Ave.
1016 N West Street
703 W Victor
1280 E. La Palma Ave

34.227222	116.056389 San Bernardino
34.19	116.056667 San Bernardino
34.215556	116.053333 San Bernardino
34.234444	116.063056 San Bernardino
34.2525	116.076667 San Bernardino
34.209056	116.036611 San Bernardino
34.231083	116.059306 San Bernardino
34.216694	116.043056 San Bernardino
34.210861	116.044417 San Bernardino
34.206361	116.052611 San Bernardino
34.206361	116.052611 San Bernardino
34.234667	116.062972 San Bernardino
34.206389	116.052667 San Bernardino
34.209056	116.03661 San Bernardino
34.309417	116.144361 San Bernardino
33.97152	-117.32701 Riverside
33.98022	-117.32308 Riverside
33.96701	-117.32606 Riverside
33.98022	-117.32308 Riverside
33.9682	-117.32647 Riverside
33.9682	-117.32647 Riverside
33.96832	-117.32664 Riverside
33.980664	-117.327314 Riverside
33.817689	117.967633 Orange
33.835278	117.936944 Orange
33.848333	117.919756 Orange
33.796111	117.906111 Orange
33.841389	117.7875 Orange
33.853889	117.979444 Orange
33.831581	117.999781 Orange
33.798392	117.906325 Orange
33.818056	117.979444 Orange
33.819444	117.956111 Orange
33.849444	117.813056 Orange
33.847222	117.897778 Orange
33.832222	117.984167 Orange
33.840278	117.884722 Orange
33.841667	117.915 Orange
33.862222	117.742222 Orange
33.803056	117.901389 Orange
33.847222	117.916944 Orange
33.859036	-117.765217 Orange
33.856111	-117.769722 Orange
33.85416	-117.97961 Orange
33.82186	-117.91498 Orange
33.83946	-117.89645 Orange
33.84873	-117.97925 Orange
33.85076	-117.93541 Orange
33.84904	-117.92872 Orange
33.83942	-117.89656 Orange
33.85412	-117.97962 Orange
33.84942	-117.92746 Orange
33.84615	-117.9315 Orange
33.84941	-117.92749 Orange
33.846875	-117.901989 Orange

[illegible]

Man hole A15b Central Utility Plant (Steam Plant)

Fleet cleanout upstream of f9 manhole

Cleanout upstream from A15k manhole, former Director Residence

Fleet cleanout upstream of f9 manhole

4 main above EH&S Building

4 main above EH&S Building

Over flow at manhole in EH&S parking lot

Manhole G8 in grass area in front of family housing at 3353 Utah Ave, and adjacent paved street

Public Manhole in intersection of public streets - Ball Rd. and Gilbert St.

City 10 VCP obstructed by roots.

Public Manhole near 1116 N. Anaheim Blvd.

Manhole on S. Haster St.

Public street near 5836 E. Trapper Trail.

Fabric Dyeing Facility

Sewage spilled from a public manhole in an alley behind a restaurant

Public Manhole

Public manhole in the intersection of Oneida and Sherrill, near 922 S. Sherrill St.

Residential Neighborhood

Public manhole at the intersection of Lakeview and Santa Ana Canyon.

Public manhole in intersection of La Palma and Acacia, near 1501 E. La Palma Ave.

Public Manhole near 2793 W. Lincoln Ave.

Public manhole in the intersection of Ward Terrace and New Avenue.

Public alley behind 114 E. Wilhelmina.

Dirt fire road just east of Sycamore Park

Manhole in the parkway on Katella Ave.

East of the intersection of La Palma Ave. and Anaheim Blvd.

Residential neighborhood. Overflow occurred in front of 7491 Mill Stream Circle.

Public manhole on Fairmont Blvd, south of Rio Grande Drive, behind the above referenced address.

Public manhole in front of Expo Dyeing and Finishing - 1365 Knollwood Circle.

Manhole on Lincoln Ave near 1514 E Lincoln

Public sewer manhole in front of 1169 N Knollwood Circle.

Public manhole in front of 1227 W Romneya.

Public Manhole

Public manhole on Lincoln Ave.

Public street in commercial / industrial area.

Public sewer manhole in cul-de-sac.

Spill from public sewer main on West Street.

Public manhole in front of 703 W Victor.

Public manhole on La Palma Ave.

[illegible]

Sewer manhole at intersection of N. Loara St and N. Wilshire St.
Manhole on N. Anaheim Blvd.

Manhole on the east side of Knollwood cul-de-sac.
Terminal Manhole

Public manhole in a residential neighborhood.
Manhole at intersection of Minerva and Valley

Manhole SW101316
Public Manhole

Public manhole in alley behind 114 E. Wilhelmina.

Manhole in the parkway on Katella Ave.

Public manhole in front of the property.
Landscape area of adjacent property
Manhole from gravity sewer line.
Public sewer manhole
Public manhole in front of 1227 W Romneya.
Public Manhole on residential street.
Public Manhole
Manhole in the cul-de-sac on Knollwood Circle.
Public sewer manhole at west end of street.
Manhole at the drive approach for 1016 N West St.

Public manhole in front of 1280 E La Palma Ave.

Other paved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Other paved surface
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/Curb and Gutter;Unpaved surface
Storm drain
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter
Storm drain
Storm drain;Street/curb and gutter
Surface water
Storm drain
Storm drain
Storm drain
Storm drain;Surface water
Storm drain
Storm drain;Surface water
Street/curb and gutter
Surface water
Surface water
Other (specify below)
Surface water
Storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Surface water
Separate storm drain;Street/curb and gutter;Other (specify below)
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Separate storm drain;Surface water
Separate storm drain
Separate storm drain;Street/curb and gutter;Surface water

Spill ultimately entered Carbon Creek Channel and ponded near an Orange County Retarding basin approximately 500 yd
Spill entered Carbon Creek Channel, where it ponded before going under Loara St.
Spill entered nearby catch basin on S. Haster St.
A small amount of sewage (estimated at less than 3 gallons) entered the storm drain system.

The spill reached Carbon Creek and eventually was carried to the San Gabriel River and then to the Ocean

Spill was contained in the storm drain along Ball Rd.
Minimal amount of sewage (<5 gallons) reached the storm drain.
Lower Santa Ana River

Spill ponded in the storm drain system.
Spill ultimately entered Carbon Creek Flood Control Channel
Spill bermed in the curb and gutter by City Staff.
Stagnant (non-flowing) portion of Carbon Creek Channel.
Santa Ana River

Spill ponded in underground storm drain system. Potentially spill could reach Haster Basin, miles downstream. Downstream
Stagnant portion of Carbon Creek Channel

Spill entered storm drain on Fairmont. Spill will eventually enter the Santa Ana River.
Spill contained on street.
Anaheim Barber Channel
Spilled sewage that was lost may eventually enter Carbon Creek Flood Control Channel.
Storm drain culvert along northside of 91 freeway
Spill was contained with dirt berms in the curb and gutter, downstream of the spill appearance point.
Spill contained in curb and gutter.
Spill was entirely contained in the curb and gutter.
Spill was contained in the curb and gutter on Knollwood Circle.
Spill largely remained in curb and gutter. Minimal amount entered the storm drain.
Spill ponded in Carbon Creek

Carbon Creek Flood Control Channel

9/19/2008 18:10	9/19/2008 18:10	9/19/2008 18:15	9/19/2008 22:30
9/26/2008 6:15	9/26/2008 7:15	9/26/2008 7:20	9/26/2008 7:35
10/2/2008 14:00	10/2/2008 14:15	10/2/2008 14:15	10/2/2008 15:00
10/10/2008 7:15	10/10/2008 7:15	10/10/2008 7:15	10/10/2008 7:20
10/20/2008 16:00	10/20/2008 16:00	10/20/2008 16:05	10/20/2008 17:00
11/4/2008 13:45	11/4/2008 13:45	11/4/2008 13:50	11/4/2008 14:00
11/7/2008 9:00	11/7/2008 9:10	11/7/2008 9:15	11/7/2008 9:20
11/9/2008 10:42	11/9/2008 10:42	11/9/2008 11:35	11/9/2008 11:35
11/12/2008 10:10	11/12/2008 10:10	11/12/2008 10:20	11/12/2008 10:45
11/24/2008 10:30	11/24/2008 10:30	11/24/2008 10:35	11/24/2008 10:45
12/1/2008 11:30	12/1/2008 11:30	12/1/2008 11:35	12/1/2008 11:40
12/2/2008 13:55	12/2/2008 13:55	12/2/2008 14:05	12/2/2008 14:27
12/18/2008 8:00	12/18/2008 8:30	12/18/2008 8:40	12/18/2008 8:40
1/21/2009 7:00	1/21/2009 7:00	1/21/2009 7:15	1/21/2009 7:20
2/16/2009 11:00	2/16/2009 11:00	2/16/2009 11:00	2/16/2009 17:00
8/25/2011 22:00	8/25/2011 22:00	8/25/2011 23:00	8/25/2011 23:00
10/25/2011 15:30	10/25/2011 15:30	10/25/2011 16:00	10/25/2011 17:30
10/15/2011 10:00	10/15/2011 10:00	10/15/2011 11:00	10/15/2011 11:00
10/26/2011 13:00	10/26/2011 13:00	10/26/2011 13:30	10/26/2011 16:00
3/7/2012 10:00	3/7/2012 10:10	3/7/2012 10:30	3/7/2012 11:00
3/7/2012 10:00	3/7/2012 10:10	3/7/2012 10:30	3/7/2012 11:00
7/19/2012 10:00	7/19/2012 10:15	7/19/2012 10:25	7/19/2012 11:30
10/21/2013 6:00	10/21/2013 8:30	10/21/2013 9:00	10/21/2013 11:20
1/8/2007 21:00	1/8/2007 21:15	1/8/2007 21:55	1/8/2007 22:00
7/6/2007 12:15	7/6/2007 12:20	7/6/2007 12:30	7/6/2007 12:40
7/18/2007 15:00	7/18/2007 17:00	7/18/2007 17:15	7/18/2007 17:45
7/22/2007 13:00	7/22/2007 13:20	7/22/2007 13:50	7/22/2007 14:00
9/13/2007 13:15	9/13/2007 13:30	9/13/2007 13:50	9/13/2007 14:20
9/19/2007 12:30	9/19/2007 13:15	9/19/2007 13:30	9/19/2007 13:00
10/12/2007 12:00	10/15/2007 14:30	10/15/2007 15:00	10/15/2007 15:05
10/15/2007 16:20	10/15/2007 16:30	10/15/2007 17:00	10/15/2007 17:10
10/29/2007 18:00	10/29/2007 18:31	10/29/2007 19:10	10/29/2007 20:40
11/4/2007 8:00	11/4/2007 10:30	11/14/2007 10:40	11/4/2007 12:00
12/1/2007 10:00	12/1/2007 10:05	12/1/2007 10:40	12/1/2007 11:20
1/20/2008 9:45	1/20/2008 9:50	1/20/2008 10:10	1/20/2008 10:20
1/30/2008 9:00	1/30/2008 9:00	1/30/2008 9:00	1/30/2008 9:30
3/23/2008 10:00	3/23/2008 10:30	3/23/2008 10:45	3/23/2008 11:00
5/28/2008 18:25	5/28/2008 18:35	5/28/2008 18:50	5/28/2008 19:00
9/7/2008 16:15	9/7/2008 16:20	9/7/2008 16:45	9/7/2008 20:00
10/20/2008 0:00	10/20/2008 13:35	10/20/2008 13:57	10/20/2008 14:15
2/19/2009 12:15	2/19/2009 12:30	2/19/2009 12:45	2/19/2009 13:20
8/10/2009 9:00	8/10/2009 10:03	8/10/2009 10:30	8/10/2009 10:40
12/23/2009 11:00	12/23/2009 11:15	12/23/2009 11:26	12/23/2009 12:07
11/19/2010 13:45	11/19/2010 14:00	11/19/2010 14:15	11/19/2010 15:00
6/16/2011 5:00	6/16/2011 8:02	6/16/2011 8:20	6/16/2011 8:31
9/18/2011 9:00	9/18/2011 9:47	9/18/2011 10:30	9/18/2011 11:00
11/21/2011 12:30	11/21/2011 13:28	11/21/2011 13:51	11/21/2011 14:00
12/27/2011 12:00	12/27/2011 12:28	12/27/2011 12:50	12/27/2011 14:30
2/20/2012 19:00	2/20/2012 19:18	2/20/2012 19:35	2/20/2012 22:00
3/20/2012 9:30	3/20/2012 9:45	3/20/2012 9:50	3/20/2012 11:00
7/13/2012 17:45	7/13/2012 18:02	7/13/2012 18:30	7/13/2012 19:15
8/4/2012 16:30	8/4/2012 17:15	8/4/2012 17:45	8/4/2012 18:30
9/1/2012 13:00	9/1/2012 14:10	9/1/2012 14:30	9/1/2012 14:40
12/24/2012 19:35	12/24/2012 20:35	12/24/2012 21:15	12/24/2012 21:45
7/5/2013 12:30	7/5/2013 13:00	7/5/2013 13:35	7/5/2013 14:35

Debris
Debris
Pipe structural problem/failure
Pump station failure
Other (specify below)
Pump station failure
Pump station failure
Other (specify below)
Debris
Debris
Debris
Other (specify below)
Pump station failure
Pump station failure
Pump station failure
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Debri-General
Root intrusion
Debris-General
Other (specify below)
Root intrusion
Debris
Vandalism
Root intrusion
Debris
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Debris
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Vandalism
Debris
Debri-General
Root intrusion
Root intrusion
Flow exceeded capacity (Seperate CS Only)
Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
Debri-General
Root intrusion
Debri-Rags
Flow exceeded capacity (Separate CS Only)
Grease deposition (FOG)
Debri-Rags
Debri-Rags
Grease deposition (FOG)

Manhole crushed by truck, debris fell into hole.

Broken cap on force main line

Unknown, The spill has stopped by the time operators arrived on site.

Line blockage, nothing was found when the line was snaked.

An inverted syphon (not identified in our inventory) was obstructed with sediment and grease, since only annual maintenance. 10 VCP line obstructed by roots along N. Loara St.

Large amount of paper towels caused the obstruction in a city siphon. Nearby business is believed to be the source.

Fishing rod and section of PVC pipe had been inserted in manhole pick-hole.

Roots entered the sewer through the side of the manhole shaft wall and spread through the sewer pipe.

Lint and fabric from dyeing operation, as well as large volume of water discharged to sewer.

This manhole is the terminal (i.e. the start) of the public sewer system. One private residence and one restaurant connect

Grease and paper products accumulated in a shallow line and resulted in a significant enough obstruction to cause a sewer

Debris in Sewer Siphon

Unknown obstruction in sewer siphon.

Unknown, but likely grease from nearby Food Service Establishments.

Grease deposition in public line.

FOG from single family residential neighborhood.

A locked manhole cover was removed and pipes, rocks, and other debris were dumped into the shaft by vandals.

Construction debris had accumulated in the public sewer line on Katella.

Paper shop towels and a mop head, along with pieces of concrete were removed from the line.

Roots were removed while clearing the obstruction.

Root intrusion from trees in the median.

Excessive wastewater discharge along with fabric debris from Expo Dyeing and Finishing.

FOG deposition in a 6 VCP sewer on Vermont Ave.

Debris and grease caused an obstruction in an inverted siphon.

FOG deposition caused partial obstruction of sewer line resulting in overflow from manhole.

Paper towels, wipes, hair.

Roots were removed by jetting the line during the spill. Paper towels had become entangled in the roots and also contributed

Paper towels and sanitary wipes.

Flow and fabric debris obstructed the sewer line.

FOG and rags

Debris accumulated in a sag in the eastern portion of the sewer line, closer to Harbor Blvd.

Grease deposition in the City main line.

Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
nce was being performed at this location.

to this manhole. It is apparent that the restaura
age spill.

Main
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Main
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Main
Main
Main

ant discharged enough grease to obstruct the sewer line and cause a spill.

Obstruction was in City sewer line on Knollwood Dr.

Obstruction was in Public 6 VCP sewer.

Obstruction occurred in City main sewer line.

Obstruction in public main line.

Obstruction in public main

Obstruction in main sewer line.

No

4 clay
4 clay
6 clay
6 Cement
10 VCP
VCP
8 VCP
8 VCP
8 VCP
10 VCP
8 VCP
8 VCP
8 VCP
8 VCP
8 VCP
8 VCP
8 VCP
8 VCP
8 VCP
6 VCP
10 VCP
18 VCP
10 VCP
8 VCP
8 VCP
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6 VCP
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8 VCP
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10 VCP
6 VCP
8 VCP
6 VCP
8 VCP

55
55
45
720
50
50

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63
63
57

Replaced the bubbler and control equipment.

Excavated and replaced 20' 8" piping rehabbed the manhole penetrations and bust/replaced 58' existing 4" lateral installed

Evaluated opportunity for downstream containment but could not find an appropriate location to attempt to collect the material. City Vactor cleared obstruction and restored flow. City Staff performed wash down and collection on Loara St. City plans City staff blocked the flow at a catch basin on N. Anaheim Blvd. A City Vactor was used to clear the obstruction from the City staff removed fishing rod and section of PVC pipe from manhole and a Vactor was used to restore flow. City staff was A City Vactor was used to remove an accumulation of roots from the line, restoring flow. Sewage in the street was collected Anaheim Fire Department contained the spill in the gutter with absorbent material. A City Vactor collected the spill from the Following the correction and onsite cleanup, a downstream investigation was performed and it was determined that the cause Since the spill could not be reasonably contained, the operator cleared the obstruction upon arrival on-scene and then personnel City staff placed berms in the spill area to prevent further discharge. A Vactor truck cleared the grease obstruction, restoring City staff placed berms to contain the spill. A Vactor truck cleared the obstruction from a sewer siphon on Minerva Ave. City Due to the close proximity to the Santa Ana River and a recent rain event, collection of the spill was not possible. Spill had ceased soon after City crew arrived. A City Vactor jetted the line to ensure that obstruction had been cleared. City A City Vactor Crew first noticed the spill and removed the grease obstruction. Downstream clean-up of Carbon Creek was City staff bermed the spill in the curb and gutter. A City Vactor truck cleared the root obstruction from the line. The spill at City Vactor cleared the obstruction from the line. A water truck was used to clean the alley and portions of Wilhelmina St. City Vactor crews vacuumed the sewage from the manhole shaft. A confined space crew entered the manhole and removed City Vactors contained the spill at a nearby catch basin until a second Vactor cleared the line. Site washdown cleanup was Anaheim Fire Department closed the spill area until Public Works arrived on scene. A City Vactor truck removed the obstruction Line will be inspected during the week of 8-11-09 to determine if other pipe defects exist.

Line was hydro-jetted during the incident to clear the obstruction. Segment is scheduled for CCTV inspection to determine Expo Dye staff contained the spill on the street until City staff arrived. City staff hydrojetted the public line to remove fabric City used a Vactor truck to clear the obstruction while a second Vactor contained the spill on site. After the obstruction had City staff placed a dirt berm in curb and gutter to contain spill until Vactor truck arrived. After the Vactor cleared the line, City Vactor cleared the grease obstruction from the 8" sewer, restoring flow.

City staff placed a dirt berm in the gutter to contain the spill until a Vactor truck arrived. A second Vactor cleared the obstruction City staff contained the spill in the curb and gutter while a City Vactor truck was used to clear the line. Roots and paper towel City staff responded to scene and established a containment berm in the gutter using granular absorbent. A Vactor truck City staff contained the spill in the curb and gutter using a Vactor truck until the obstruction in the sewer line could be cleared City contained the spill in the cul-de-sac and cleared the obstruction from the sewer line with a Vactor truck, restoring flow A portion of the spill was contained in the gutter using dirt from a parkway planter. A City Vactor cleared the obstruction from City restored flow and washed down the spill area for collection with the Vactor truck.

Spill was contained in the curb and gutter using absorbent berms. City cleared the FOG obstruction in mainline, restoring

9/19/2008 22:30

10/2/2008 15:30

10/10/2008 7:30

11/9/2008 12:00

12/18/2008 9:00

2/16/2009 17:00

1/8/2007 23:00

7/6/2007 13:00

7/18/2007 17:45

7/22/2007 14:15

9/13/2007 14:35

9/20/2007 12:00

10/15/2007 20:00

10/15/2007 17:30

10/30/2007 2:15

11/4/2007 12:00

12/1/2007 11:30

1/20/2008 10:30

1/30/2008 11:00

5/29/2008 8:00

9/7/2008 22:30

10/20/2008 18:30

2/19/2009 15:40

8/10/2009 11:10

12/23/2009 12:30

6/16/2011 13:10

9/18/2011 12:30

11/21/2011 14:50

9/2/2012 16:00

12/24/2012 22:00

7/5/2013 15:20

Repaired sewer

Repaired sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic

Added sewer to preventive maintenance program;Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Enforcement action against FOG source

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Enforcement action against FOG source

Will observe for potential cause.

Sewer line will be televised (high flow has prevented this from occurring prior to now) and corrective actions (spot repair, City will contact business which is suspected to be discharging paper towels to inform them that this activity is prohibited. Spill was caused by vandalism. City will explore feasibility of installing a bolt in the manhole pick-hole to deter future vandalism. Roots causing the obstruction were removed immediately. Inspection and cleaning frequency will be increased. A Notice of Violation will be issued to Expo Dyeing and Finishing, requiring them to reduce the amount of lint / fabric discharge. No other significant source of FOG discharges to this location, therefore, it is easy to pinpoint the source as Busy Bee Re

This was an unusual occurrence, as the siphon had been cleaned earlier in the week, therefore it is believed that this obstruction. This sewer siphon had been recently cleaned, and it is likely that the spill was caused by vandalism or another unusual occurrence. Line was jetted shortly after the spill to ensure that obstruction was cleared.
NA

A grease obstruction was removed from the six inch line during the spill. On the morning of May 29, 2008, the entire length of the line was cleaned. Lock on the manhole cover is to be replaced with a heavy duty unit. The Police Department and Park Rangers have been notified. Coordinated effort will be undertaken with Building Dept., PW and Developer/Builder to help ensure similar spills are not caused. Letters will be sent to businesses tributary to the line informing them of the problems with flushing paper products and other debris. CCTV inspection conducted 8-11-09 confirmed that roots intruding into a slight offset were the cause of the SSO. Line within 100 feet of the spill location will be CCTV inspected to determine cause of root intrusion. Pipe section will either be repaired or subject to enhancement.

The inverts of the intersecting manhole on Harbor & Vermont will be scheduled for rehabilitation to allow for smoother flow. The inverted siphon had just been hydrojetted on 9-15-2011, three days prior to the spill. The line was cleaned again on 9-15-2011. City will inspect FSEs tributary to the spill location to ensure that they are following proper FOG disposal practices. City will

Siphon was recleaned on 9-5-12 (Wednesday).
The 6" VCP sewer on Victor Ave is scheduled to be replaced with a new 8" VCP sewer line in 2013. Maintenance will be enhanced. High density residential as well as a number of FSEs are tributary to this sewer line. City will schedule inspection of FSEs

No

Yes

No

No

No

Yes

No

Yes

No

No

No

No

No

No

No

No

No

No

No

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Yes

No

No

No

No

Yes

No

No

No

No

Yes

Spill ponded in Carbon Creek Channel adjacent to Retarding Basin.

Sewage ponded in Carbon Creek Channel.

NA

NA

Spill was not observed reaching any open channels downstream.

NA

The nearest Flood Control Channel (Carbon Creek), approximately 3 miles downstream of the spill area, showed no evidence.

NA

Spill entered the Santa Ana River, which was flooded with rain water from a recent rain event. Downstream investigation

NA

Sewage entered Carbon Creek, but most of this was collected by the City Vector truck.

NA

Sewage ponded in a non-flowing portion Carbon Creek and mixed with urban run-off. A City Vector removed approximately

Spill likely entered the Santa Ana River

No apparent impact.

The discharge ponded at the mouth of Carbon Creek Channel.

NA

NA

Anaheim Barber Channel was visually monitored during the containment / pumping operation and throughout the day. No

No visual indication of sewage in Carbon Creek Flood Control Channel. The storm drain outfall had ponded water from the
Storm drain culvert along northside of 91 freeway was flowing with large volume of water from recent rain event.

NA

NA

NA

NA

No sewage was observed in Carbon Creek (the nearest surface water).

Minimal volume of spill that entered the storm drain likely entered the Carbon Creek Flood Control Channel. A large volume

No sewage was observed in Carbon Creek (downstream of the spill site).

Spill entered Carbon Creek Flood Control Channel (open dirt channel) and ponded in the rip rap. Water in the channel did

No

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Huntington Harbor/Anaheim Bay

NA

NA

NA

NA

NA

Carbon Creek

NA

NA

NA

Lower Santa Ana River

NA

Carbon Creek

Carbon Creek Channel

Santa Ana River

Potentially spill could enter Haster Basin, miles downstream.

Carbon Creek Channel

NA

Spill will eventually enter Santa Ana River

NA

Anaheim Barber Channel

Lost sewage may eventually enter Carbon Creek Flood Control Channel.

NA

NA

NA - Spill did not reach storm drain.

NA

NA - Did not reach storm drain.

NA

Carbon Creek Flood Control Channel

Carbon Creek

Carbon Creek Channel

Not applicable to this spill

Not applicable to this spill
No water quality samples taken

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken
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No water quality samples taken
Not applicable to this spill

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None of the above

None of the above

None of the above

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

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Eyeball estimation

87138	10/2/2008 15:27
87333	10/10/2008 10:46

88075	11/10/2008 6:46
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89095	12/23/2008 11:49
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91319	2/16/2009 11:07
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74390	7/22/2007 14:05
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75730	9/19/2007 14:15
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76307	10/15/2007 18:00
76652	10/29/2007 22:12

77417	12/1/2007 11:42
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83825	5/28/2008 19:35
86532	9/7/2008 18:22

91448	2/19/2009 13:17
95566	8/10/2009 14:00
98540	12/23/2009 12:15
106972	11/19/2010 13:07
113601	6/16/2011 9:25
115547	9/18/2011 11:32
116928	11/21/2011 14:28

124549	8/4/2012 19:15
125252	9/1/2012 15:22
127892	12/24/2012 21:05
134151	7/5/2013 14:14

Jerry Higgins, Maintenance Plumber Supervisor

9518277696

8SSO10542	Active	796955 Jonathan Heffernan	Certified
8SSO10542	Active	800364 Jonathan Heffernan	Certified
8SSO10543	Active	728717 Vincent A. Ferrini	Certified
8SSO10543	Active	728782 Vincent A. Ferrini	Certified
8SSO10543	Active	730624 Vincent Ferrini	Certified
8SSO10543	Active	731709 Vincent Ferrini	Certified
8SSO10543	Active	734948 Vincent A. Ferrini	Certified
8SSO10543	Active	735718 Vincent A. Ferrini	Certified
8SSO10543	Active	735896 Vincent A. Ferrini	Certified
8SSO10543	Active	741977 Allen Harralson	Certified
8SSO10543	Active	741993 Allen Harralson	Certified
8SSO10543	Active	741994 Allen Harralson	Certified
8SSO10543	Active	743409 Allen Harralson	Certified
8SSO10543	Active	743480 Allen Harralson	Certified
8SSO10543	Active	744193 Allen Harralson	Certified
8SSO10543	Active	744193 Vincent A. Ferrini	Certified
8SSO10543	Active	744978 Vincent A. Ferrini	Certified
8SSO10543	Active	746863 Vincent A. Ferrini	Certified
8SSO10543	Active	746905 Vincent A. Ferrini	Certified
8SSO10543	Active	747311 Vincent A. Ferrini	Certified
8SSO10543	Active	747666 Allen Harralson	Certified
8SSO10543	Active	747977 Vincent A. Ferrini	Certified
8SSO10543	Active	748384 Allen Harralson	Certified
8SSO10543	Active	752164 Vincent A. Ferrini	Certified
8SSO10543	Active	753837 Allen Harralson	Certified
8SSO10543	Active	754320 Vincent A. Ferrini	Certified
8SSO10543	Active	758145 Vincent A. Ferrini	Certified
8SSO10543	Active	760181 Vincent A. Ferrini	Certified
8SSO10543	Active	781525 Vincent A Ferrini	Certified
8SSO10543	Active	783295 Vincent A Ferrini	Certified
8SSO10543	Active	790496 Kimberly Dunbar	Certified
8SSO10544	Active	651522 Mike Johanson	Certified
8SSO10544	Active	735387 Mike Johanson	Certified
8SSO10545	Active	650094 Will Wenz	Certified
8SSO10545	Active	715873 Will Wenz	Certified
8SSO10545	Active	721673 Will Wenz	Certified
8SSO10545	Active	740217 Will Wenz	Certified
8SSO10545	Active	756863 Will Wenz	Certified
8SSO10545	Active	763851 Will Wenz	Certified
8SSO10545	Active	768236 Will Wenz	Certified
8SSO10545	Active	773004 Will Wenz	Certified
8SSO10545	Active	780694 Will Wenz	Certified
8SSO10545	Active	782126 Will Wenz	Certified
8SSO10545	Active	788042 Will Wenz	Certified
8SSO10545	Active	788317 Will Wenz	Certified
8SSO10545	Active	798311 Will Wenz	Certified
8SSO10545	Active	799902 Will Wenz	Certified
8SSO10546	Active	647422 Brian Jones	Certified
8SSO10546	Active	710699 Brian Jones	Certified
8SSO10546	Active	712174 Brian K. Jones	Certified
8SSO10546	Active	716830 Brian Jones	Certified
8SSO10546	Active	718986 Brian Jones	Certified
8SSO10546	Active	730012 Doug Brodowski	Certified
8SSO10546	Active	730018 Brian Jones	Certified
8SSO10546	Active	745845 Doug Brodowski	Certified

Operations Supervisor
Operations Supervisor
Plant Manager
Plant Manager
Project Manager
Plant Manager
Plant Manager
Plant Manager
Plant Manager
Chief Plant Operator, Beaumont
chief plant operator
Chief Plant Operator, Beaumont WWTP
Chief plant operator
Chief Plant Operator
Chief Plant Operator
Plant Manager
Project Manager
Project Manager
Project Engineer
Project Manager
Chief Plant Operator
Project Manager
Chief Plant Operator
Project Manager
chief plant operator
Project Manager
Project Manager
Project Manager
Project Manager
Project Manager
Chief Plant Operator
Sewer Superintendent
Sewer Superintendent
Maintenance Superintendent
Maintenance Superintendent
Maintenance Superintendent
PW Superintendent
Public Works Superintendent
PW Superintendent
PW Superintendent
PW Superintendent
Public Works Superintendent
Public Works Superintendent
PW Superintendent
PW Superintendent
Public Works Superintendent
PW Superintendent
Water/Sewer Superintendent
Utilities Superintendent
Utilities Superintendent
Water and Sewer Superintendent
Water and Sewer Superintendent
Administrative Analyst
Water and Sewer Superintendent
Administrative Analyst

	1:48 PM	998176
7:35AM		773478
Beaumont, CA		152494
Beaumont, CA		215906
Beaumont, CA		448798
Beaumont, CA		984660
Beaumont, CA		310572
Beaumont, CA		356677
Beaumont, CA		614700
Beaumont WWTP		783429
Beaumont CA		356095
Beaumont WWTP		197370
Beaumont CA.		335964
City of Beaumont, CA		800925
Beaumont Ca.		794511
Beaumont, CA		310572
Beaumont, CA		185561
Beaumont, CA		206984
Beaumont, CA		137796
Beaumont, CA		448509
Beaumont Ca.		481388
Beaumont, CA		480063
Beaumont CA.		963066
Beaumont, CA		929543
Beaumont CA		140804
Beaumont CA		295315
Beaumont, CA		132367
Beaumont, CA		748836
Wildomar, CA		548767
Beaumont, CA		421996
Beaumont, Ca		582353
Big Bear City		978461
Big Bear City, CA		823554
City of Brea		443548
	16:42	555842
City of Brea		234623
545 N. Berry, Brea, CA		199399
	11:21	420996
City of Brea		562438
	15:30	887637
545 N Berry St, Brea, CA		136164
545 N. Berry St, Brea, CA		379053
545 N Berry St, Brea, CA		120857
545 N Berry St, Brea, CA		731831
545 N Berry St, Brea, CA		964672
545 N Berry St, Brea, CA		958520
545 N Berry St, Brea		980323
0834 hrs		578281
	730	540194
	600	720252
	920	446443
	1410	295501
4:23p.m.		367307
	1309	264316
9:05 a.m.		224843

18-Jul-13	7/18/2013	23-Jul-13	7/23/2013
29-Oct-13	10/29/2013	25-Nov-13	11/25/2013
30-Oct-08		30-Oct-08	10/30/2008
31-Oct-08		2-Nov-08	11/2/2008
16-Dec-08		16-Dec-08	1/4/2011
12-Jan-09		12-Jan-09	1/12/2009
13-Mar-09		23-Mar-09	3/23/2009
30-Mar-09		29-Apr-09	4/29/2009
2-Apr-09		28-Apr-09	4/28/2009
28-Jul-09		28-Jul-09	7/28/2009
28-Jul-09		28-Jul-09	8/19/2009
28-Jul-09		28-Jul-09	7/28/2009
19-Aug-09		20-Aug-09	8/20/2009
20-Aug-09		25-Aug-09	8/25/2009
2-Sep-09		14-Sep-09	9/14/2009
2-Sep-09		14-Sep-09	3/23/2009
23-Sep-09		29-Mar-11	3/29/2011
18-Nov-09		29-Mar-11	3/29/2011
20-Nov-09		29-Mar-11	3/29/2011
4-Dec-09		29-Mar-11	3/29/2011
19-Dec-09		15-Jan-10	1/15/2010
29-Dec-09		29-Mar-11	3/29/2011
15-Jan-10		15-Jan-10	1/15/2010
4-May-10		29-Mar-11	3/29/2011
23-Jun-10	6/23/2010	1-Jul-10	7/1/2010
1-Jul-10	7/1/2010	29-Mar-11	3/29/2011
26-Oct-10	10/26/2010	6-Dec-10	12/6/2010
4-Jan-11	2/2/2011	2-Feb-11	2/2/2011
22-May-12	5/30/2012	30-May-12	5/30/2012
11-Jul-12	7/12/2012	25-Jul-12	7/25/2012
17-Jan-13	2/20/2013	20-Feb-13	2/20/2013
8-Jun-07		8-Jun-07	9/17/2008
24-Mar-09		24-Mar-09	3/24/2009
3-May-07		3-May-07	5/3/2007
7-Apr-08		8-Apr-08	4/8/2008
8-Jul-08		8-Jul-08	7/8/2008
29-Jun-09		29-Jun-09	12/2/2010
16-Sep-10	9/16/2010	16-Sep-10	9/16/2010
28-Feb-11	2/28/2011	28-Feb-11	2/28/2011
7-Jul-11	7/7/2011	7-Jul-11	7/7/2011
10-Nov-11	11/10/2011	10-Nov-11	11/10/2011
26-Apr-12	4/26/2012	26-Apr-12	4/26/2012
13-Jun-12	6/13/2012	13-Jun-12	6/13/2012
14-Nov-12	11/14/2012	14-Nov-12	11/14/2012
24-Nov-12	11/24/2012	27-Nov-12	11/27/2012
29-Aug-13	8/29/2013	3-Sep-13	9/3/2013
17-Oct-13	10/22/2013	22-Oct-13	10/22/2013
28-Feb-07		28-Feb-07	2/28/2007
4-Jan-08		4-Jan-08	1/4/2008
1-Feb-08		1-Feb-08	2/1/2008
1-May-08		1-May-08	5/1/2008
5-Jun-08		5-Jun-08	6/5/2008
1-Dec-08		1-Dec-08	1/31/2011
1-Dec-08		1-Dec-08	12/1/2008
20-Oct-09		27-Jan-11	1/27/2011

Category 1		1125	225
Category 3	240	240	0
Category 3		100	50
Category 2		36000	0
Category 1		3750	0
Category 3		200	0
Category 2		30000	10000
Category 1		50000	30000
Category 1		30000	20000
Category 3		500	450
Category 2		5000	0
Category 3		650	0
Category 1		1500	0
Category 1		2000	0
Category 1		3000	0
Category 2		30000	10000
Category 1		10000	0
Category 3		50	0
Category 1		250	240
Category 3		350	300
Category 1		195750	300
Category 3		150	125
Category 3		100	95
Category 2		12816	12000
Category 3		300	225
Category 3		150	0
Category 3		425	350
Category 1		200	0
Category 3		200	150
Category 3		700	0
Category 2		13211	13211
Category 2		1000	0
Category 3		2	0
Category 3		75	75
Category 1		325	50
Category 3		200	200
Category 1		60	30
Category 3		350	0
Category 3		15	15
Category 3		200	150
Category 1		40	30
Category 3		50	50
Category 3		20	20
Category 1		10	5
Category 3		300	300
Category 1		900	300
Category 3	50	60	60
Category 3		900	
Category 3		100	100
Category 3		10	10
Category 3		40	40
Category 1		160	60
Category 3		50	50
Category 3		25	25
Category 3		100	100

900 Yes	Yes
0 No	No
0 No	No
0 Yes	Yes
3750 Yes	Yes
0 No	No
0 No	No
1000 Yes	Yes
8000 Yes	Yes
0 No	No
0 Yes	No
0 No	No
1500 Yes	Yes
2000 Yes	Yes
3000 Yes	Yes
0 No	No
10000 Yes	Yes
0 No	No
10 Yes	Yes
0 No	No
195450 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
200 Yes	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
No	No
275 Yes	Yes
0 No	No
30 Yes	Yes
0 No	Yes
0 No	No
0 No	No
10 Yes	No
0 No	No
0 No	No
5 No	Yes
0 No	No
600 Yes	Yes
0 No	Yes
No	No
No	No
No	No
0 No	No
100 Yes	Yes
0 No	No
0 No	No
0 No	No

[illegible]

145 S Bonnie Gene Lane
752 S. Stillwater
BNSF OFFICE
1369 San Miguel Drive
Highland Springs Avenue, Approx. 300 Feet North of I-10, City of Beaumont, CA
722 Pennsylvania Ave
Western Knolls Force Main
1300 feet west of Western Knolls Ave., Beaumont, CA
Western Knolls Force Main
Oak valley parkway
western knolls Lift Station
Cherry Street between 12th and 13th streets
Upper Oak Valley Lift station
Upper Oak Valley Lift Station
Just outside Little Lower Oak Lift Station, (last manhole upstream)
Just outside Little Lower Oak Lift Station, (last manhole upstream)
Little Lower Oak Lift Station
1051 E 8th street (in alley)
11th and Orange streets manhole
behind 1329 michigan ave, beaumont ca.
Marshall Creek lift station
1329 Michigan, behind house
lower oak lift station
Hill between Noble and Marshall Creeks, approx 100yards north of 10 fwy
on oak valley parkway between palmer st and Upper oak lift station
1318 Massachusets
1251 Orange
Four Seasons Beaumont
Manhole on 6th Street, west of Allegheny Ave
Potrero Blvd. Forcemain Air relief valve
1235 Cherry Ave, Beaumont, CA 92223
341 Sites Way
836 E. Fairway
904 E Imperial Highway
820 E Imperial Highway
620 N Brea
312 W Imperial Highway
1448 Whitter
Tamarack Park
Olinda Ranch Park
Tamarack Park
642 Briarwood
350 W Imperial Hwy
143 S Laurel Ave
Cliffwood
Valencia & Madrona
400 S Brea Blvd
Knott and Lincoln Avenue
Miranda
5461 Emerywood Ave
Mt. Lowe
Beach and 11th East Side
San Antonio Park
Burnham and Artesia
Mt. Palomar and Holder

33.852136	-117.775183 Orange
33.836628	-117.766728 Orange
33.927778	116.983056 Riverside
33.56766	116.5871 Riverside
33.928333	-116.946944 Riverside
33.55876	116.57963 Riverside
33.5604	-117.0961 Riverside
33.946111	-117.013889 Riverside
33.946	-117.013 Riverside
33.943933	-117.02155 Riverside
33.93395	-117.01545 Riverside
33.941617	-116.964383 Riverside
33.943367	-117.034694 Riverside
33.94404	-117.02513 Riverside
33.96423	-117.07059 Riverside
33.96423	-117.07059 Riverside
33.95995	-117.0656 Riverside
33.93233	-116.96781 Riverside
33.93715	-116.97433 Riverside
33.94448	-116.96933 Riverside
33.94055	-116.9984 Riverside
33.9444	-116.96961 Riverside
33.95945	-117.0622 Riverside
33.94357	-117.00006 Riverside
33.9472	-117.05203 Riverside
33.94422	-116.96682 Riverside
33.946111	-116.981389 Riverside
33.913056	-116.9475 Riverside
33.929167	-116.951111 Riverside
33.918361	-116.957964 Riverside
33.93874	-116.96465 Riverside
34.25	116.816667 San Bernardino
34.262589	-116.830233 San Bernardino
33.913197	117.891495 Orange
33.913383	117.891972 Orange
33.930278	117.894444 Orange
33.916111	-117.903611 Orange
33.9389	-117.919956 Orange
33.92654	-117.90013 Orange
33.92442	-117.84193 Orange
33.93115	-117.89622 Orange
33.9099	-117.91431 Orange
33.91706	-117.9038 Orange
33.91842	-117.89457 Orange
33.92558	-117.89001 Orange
33.91313	-117.90484 Orange
33.91403	-117.90136 Orange
33.830478	118.012678 Orange
33.811728	118.027536 Orange
33.881558	117.983156 Orange
33.820867	118.016894 Orange
33.862244	117.997992 Orange
33.834831	-118.014781 Orange
33.873531	118.007536 Orange
33.82109	-118.01912 Orange

Residential neighborhood

Manhole located in sewer easement in residential backyard.

BNSF office building plumbing back-up. Clean out opened adjacent to building to relieve back up. City main line stoppage

Sewage overflowing manhole on west side of San Miguel Drive at 1369 San Miguel Drive, City of Beaumont.

Open unpaved area near construction zone. Undeveloped area.

gravity sewer into lift station, overflowed manhole at low point in street due to high lift station level. location is on Oak valley

through manhole approx location between 12th and 13th streets on Cherry st.

Last manhole upstream of Little Lower Oak lift station

Last manhole upstream of Little Lower Oak lift station

Spill came up from manhole at corner of 11th and Orange. Spill followed gutter to storm drain on south side of Orange, on
Sewer manhole is in southwest corner of lot blockage in line caused manhole to overflow into back yard.

end of ring ranch road, Marshall Creek Lift station

Spill occurred in a trench that was being excavated in the hill between Noble and Marshall creeks. Site is approximately 10
spill came from a vault on the south side of the road, vault holds air relief valves for the force main between lower oak lift

Sewer line backed up into 1318 Massachusetts lateral, overflowed out lateral into back yard

Vacant lot

Center Median of Boulevard.

Dirt Road

Easement line behind 341 Sites way.

Spill occurred in downstairs bathroom of 2 story rental home.

Manhole located on Imperial Hwy center island, 2 manholes west of Randolph Ave

Spill was located in the alleyway between Imperial & Date

Approximately 300' north of Lambert Rd, on Tamarack

Inside the Olinda Ranch Park approx 200' south of Valley Crossing Rd

At the backside of Rain Tree Apts

Basement of resident at 642 Briarwood Dr

Minor amount of water coming from manhole in church parking lot

liquids discharging from residential cleanout

Graded construction site south of medical building at 6850 Lincoln.

From manhole on street centerline.

Manhole on the east side of Beach Blvd.

On site clean out.

ge.

ley parkway itself

ut storm drain Southward into storm cha

00 yards north of the 10 fwy, and approx
station and upper oak lift station

Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Gravity sewer
Force main or pressure sewer
Force main or pressure sewer
Force main or pressure sewer
Manhole
Pump station
Manhole
Pump station
Pump station
Manhole
Force main or pressure sewer
Manhole
Manhole
Manhole
Gravity sewer
Pump station
Manhole
Pump station
Force main or pressure sewer
Other sewer system structure
Other (specify)
Gravity sewer;Manhole
Other (specify)
Gravity sewer;Manhole
Force main or pressure sewer
Manhole
Manhole
Building or structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Building or structure
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other (specify)
Manhole
Manhole

Public sewer manhole in front of 145 S. Bonnie Gene Lane.
Public manhole

Lift station Pressure/air relief stuck open
Lift Station pressure / air relief valve stuck open

ARV leaking, boot (joining ARV blowoff to return line) ripped and sprayed water onto surface of lift station.

Vault that holds ARV valves for force main between lower oak and upper oak lift stations
came out through customers lateral cleanouts

Cleanout adjacent to residence.

Seepage out of M.H. due to vandalism

minor amount of water discharging from manhole

residential clean out at backside of sidewalk

Sewer Manhole

Sewer clean out.

Clean out.

Directly around manhole

Separate storm drain;Street/curb and gutter;Surface water
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain;Unpaved surface
Street/curb and gutter;Other (specify below)
Unpaved surface;Other (specify below)
Unpaved surface
Storm drain;Street/curb and gutter
Storm drain;Unpaved surface
Storm drain;Surface water;Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter;Surface water;Unpaved surface
Unpaved surface
Other (specify below)
Unpaved surface
Unpaved surface;Other (specify below)
Unpaved surface
Other paved surface
Unpaved surface;Other (specify below)
Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Combined storm drain (combined CS only)
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Other (specify below)
Unpaved surface
Building or structure
Street/curb and gutter
Surface water;Other (specify below)
Street/curb and gutter
Separate storm drain
Storm drain
Other (specify below)
Unpaved surface;Other (specify below)
Surface water
Building or structure
Street/curb and gutter
Separate storm drain
Other paved surface;Street/curb and gutter
Separate storm drain;Surface water
Separate Storm Drain;Street/Curb and Gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter;Other (specify below)
Storm drain;Street/curb and gutter;Surface water
Unpaved surface;Other (specify below)
Street/curb and gutter;Other (specify below)
Street/curb and gutter

Portion of spill that was not contained at the curb and gutter entered the Santa Ana River.
Spill flowed west to slope v-ditches. V-ditches drained to dirt area at base of slope.

water captured and returned to system
went down into culvert next to lift station, Culvert may be part of state waterway, though dry.

Spill came out of manhole, flowed across sidewalk, into gutter, down gutter into storm drain, flowed through irrigation runoff

Spill was contained in a lined storm drain, where it was sucked up with a vacuum truck

Marshall creek which is a dry creek bed

Majority of spill recovered and returned to sanitary sewer. remainder had absorbed into dirt.

back yard area

Most of spill gathered on street shoulder where majority of spill was recovered and pumped back into sanitary sewer after

Contained and diverted to immediate downstream manhole.
Seepage from M.H. soaked into dirt surrounding M.H.

Craig Regional Park

spill was contained to the middle of the street and cleaned up.
Grass and dirt area in the park

Spill was contained in the street until crew was able to clean up area.
Brea Creek

Collected on graded construction site. Returned to sewer system.

Pool developed around clean out.
Spill was collected and returned to sewer system.
Spill portion that was contained was returned to sewer system
Vacuumed and returned to sewer.
Returned to sewer system.
Picked up and returned to sewer system

7/17/2013 12:30	7/17/2013 13:22	7/17/2013 13:35	7/17/2013 14:17
10/26/2013 13:20	10/26/2013 13:40	10/26/2013 14:30	10/26/2013 15:00
4/10/2007 10:00	4/10/2007 9:30	4/10/2007 10:00	4/10/2007 10:45
2/9/2008 9:00	2/9/2008 9:00	2/9/2008 9:30	2/9/2008 16:30
2/10/2008 10:40	2/10/2008 10:45	2/10/2008 10:55	2/10/2008 13:00
1/11/2009 13:30	1/11/2009 13:50	1/11/2009 14:50	1/11/2009 15:30
3/12/2009 0:00	3/13/2009 10:00	3/12/2009 8:00	2/12/2009 9:00
3/29/2009 0:00	3/30/2009 7:00	3/30/2009 7:30	3/30/2009 7:40
4/2/2009 0:00	4/2/2009 10:35	4/2/2009 11:00	4/2/2009 11:10
7/22/2009 12:22	7/22/2009 12:22	7/22/2009 11:40	7/22/2009 12:24
7/22/2009 0:00	7/22/2009 7:30	7/22/2009 7:30	7/22/2009 7:33
7/25/2009 6:00	7/25/2009 15:00	7/25/2009 15:25	7/25/2009 15:20
8/18/2009 0:00	8/18/2009 16:02	8/18/2009 16:15	8/18/2009 16:15
8/20/2009 0:00	8/20/2009 7:15	8/20/2009 7:30	8/20/2009 7:20
9/2/2009 0:00	9/2/2009 7:50	9/2/2009 8:21	9/2/2009 8:35
3/12/2009 0:00	3/13/2009 10:00	3/12/2009 8:00	2/12/2009 9:00
9/22/2009 0:00	9/23/2009 7:30	9/23/2009 7:55	9/23/2009 8:15
11/18/2009 8:30	11/18/2009 9:00	11/18/2009 9:20	11/18/2009 9:45
11/19/2009 14:00	11/19/2009 16:30	11/19/2009 16:45	11/19/2009 17:15
12/3/2009 13:00	12/3/2009 13:30	12/3/2009 13:55	12/3/2009 15:00
12/18/2009 11:30	12/19/2009 8:45	12/19/2009 9:00	12/19/2009 9:35
12/24/2009 11:00	12/24/2009 11:55	12/24/2009 12:20	12/24/2009 3:00
1/12/2010 12:00	1/12/2010 15:00	1/12/2010 15:00	1/12/2010 15:15
5/3/2010 9:06	5/3/2010 9:15	5/3/2010 9:36	5/3/2010 9:36
6/23/2010 7:00	6/23/2010 8:05	6/23/2010 8:20	6/23/2010 8:30
6/30/2010 5:00	6/30/2010 9:00	6/30/2010 9:20	6/30/2010 10:10
10/25/2010 7:00	10/25/2010 8:03	10/25/2010 8:13	10/25/2010 9:15
1/4/2011 10:00	1/4/2011 10:16	1/4/2011 10:40	1/4/2011 11:05
5/21/2012 15:23	5/21/2012 15:23	5/21/2012 15:49	5/21/2012 16:00
7/10/2012 12:22	7/10/2012 12:22	7/10/2012 12:22	7/10/2012 13:12
1/17/2013 14:15	1/17/2013 14:15	1/17/2013 14:30	1/17/2013 15:20
6/7/2007 15:00	6/7/2007 19:02	6/7/2007 19:08	6/7/2007 19:20
3/16/2009 16:00	3/16/2009 18:00	3/16/2009 18:15	3/16/2009 18:15
4/30/2007 16:00	4/30/2007 16:00	4/30/2007 16:10	4/30/2007 16:30
4/3/2008 21:10	4/3/2008 21:40	4/3/2008 21:45	4/3/2008 22:40
7/7/2008 9:30	7/7/2008 9:35	7/7/2008 9:40	7/7/2008 10:05
6/27/2009 10:00	6/27/2009 10:06	6/27/2009 13:00	6/27/2009 13:15
9/15/2010 21:15	9/15/2010 21:30	9/15/2010 21:45	9/15/2010 21:50
2/27/2011 20:30	2/27/2011 20:40	2/27/2011 20:50	2/27/2011 22:00
7/7/2011 9:00	7/7/2011 9:30	7/7/2011 9:40	7/7/2011 0:00
11/10/2011 12:20	11/10/2011 12:30	11/10/2011 12:40	11/10/2011 12:45
4/21/2012 11:00	4/21/2012 11:17	4/21/2012 11:45	4/21/2012 0:56
6/12/2012 18:15	6/12/2012 18:30	6/12/2012 18:45	6/12/2012 19:30
11/14/2012 12:00	11/14/2012 12:07	11/14/2012 12:15	11/14/2012 12:34
11/23/2012 11:30	11/23/2012 11:43	11/23/2012 11:45	11/23/2012 13:00
8/28/2013 19:15	8/28/2013 19:15	8/28/2013 19:30	8/28/2013 21:09
10/17/2013 12:50	10/17/2013 12:40	10/17/2013 12:50	10/17/2013 12:54
2/6/2007 8:00	2/6/2007 12:00	2/6/2007 12:15	2/6/2007 13:00
12/31/2007 14:30	12/31/2007 15:00	12/31/2007 15:15	12/31/2007 15:30
1/13/2008 16:30	1/13/2008 16:40	1/13/2008 17:00	1/13/2008 17:10
4/27/2008 15:00	4/27/2008 15:02	4/27/2008 15:02	4/27/2008 15:40
6/4/2008 14:05	6/4/2008 14:50	6/4/2008 14:50	6/4/2008 15:20
11/15/2008 10:45	11/15/2008 11:10	11/15/2008 11:20	11/15/2008 11:30
11/17/2008 5:35	11/17/2008 5:45	11/17/2008 6:00	11/17/2008 6:50
10/17/2009 10:00	10/17/2009 11:30	10/17/2009 11:50	10/17/2009 11:50

Root intrusion
Root Intrusion
Debris
Root intrusion
Pump station failure
Debri-General
Pipe structural problem/failure
Pipe structural problem/failure
Pipe structural problem/failure
Other (specify below)
Pump station failure
Debri-General
Other (specify below)
Other (specify below)
Other (specify below)
Pipe structural problem/failure
Pump station failure
Debri-General
Debri-Rags
Root intrusion
Pump station failure
Root intrusion
Pipe structural problem/failure
Other (specify below)
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Pipe structural problem/failure
Other (specify below)
Vandalism
Pipe structural problem/failure
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Debri-Rags
Root intrusion
Debri-General
Root intrusion
Pump station failure
Debri-Rags
Debri-General
Debri-General
Grease deposition (FOG)
Debris-Rags
Debris
Debris
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Debris
Debri-Rags

Root intrusion

Upper oak lift station had to be secured because of western knolls lift station failure, Upper oak lift station had to be pumped

pressure relief / air bleed unit stuck open after air bleedoff (possible debris in relief valve) when pump came on pressure
Pressure relief / air bleed valve (ARV) for pump 1 stuck open after air bleedoff (debris in relief valve) this is different pressure
construction debris, cement chunks and boards obstructed sewer pipe

Power failed at lift station. Automatic switcher failed between emergency power and normal power, resulting in no power to

both pumps failed with fail to start alarms, high level float failed to send alarm.

Roots and grease

ARV bleed off valve connecting boot failed spraying some of the water onto surface at lift station instead of returning it to

Force main broken by excavator

small piece of debris lodged into check ball on air relief valve. valve then did not seal properly.

Root intrusion and grease accumulation

Combination of grease, rags, and other debris

Operators were performing preventative maintenance to Air Relief Valve, and PVC nipple broke. Allowing forcemain to drain

Suspected illicit dumping of swimming pool contents.

This location was not identified or updated in the vector crew sewer map book.

2 plastic baseballs obstructing the 6" main

Sandbags from construction project were left in manhole.

Diapers.

Pieces of wood from construction project.

Main
Gravity Mainline
Main
Main
Other (specify below)

Other (specify below)

Main
Other (specify below)
Main

Other (specify below)

Other (specify below)
Other (specify below)
Main
Main
Main

Other (specify below)
Other (specify below)

Main
Main
Main
Main
Main
Main

Main

Main
Main
Main
Main
Main
Other (specify below)
Main
Main
Main
Main
Manhole

Main
Other (specify below)
Main
Main

Roots obstructed the flow in the 8" VCP sewer main located on Quintana Drive, between Palo Alto Drive and Arboretum F

Lift station

Pump station force main

Failure of lift station caused by 3/8" line that comes from discharge side of pump breaking. Water filled drywell either over

(ARV) Relief valve in line for pump station prior to force main (discharge side of pump)

Pump station force main

Lift Station

ARV bleed off valve connecting boot failed spraying some of the water onto surface at lift station instead of returning it to Lift station force main

Electrical short and floats stuck

cleanout at city park

road.	8 VCP
No	8 VCP
	8
	8 clay

whelming or failing the sum	8 cement
-----------------------------	----------

8

8

6 clay

wetwell	6
---------	---

16 PVC

12
8 ACP
4 ACP

6 VCP

6 vcp

No	15
----	----

8 VCP
8 VCP
8 VCP
8 VCP
6 vcp
6 VCP
8 VCP
8 VCP

39
36
30

5

6

38
25

50
50
40
50
45
40
40
55

Upon arrival, City staff created a berm near the storm drain adjacent to the overflowing manhole. A City Vactor was used

Type of debris that caused stoppage believed to be combination of grease and roots.

Employed use of vacuum truck to pump raw sewage from overflowing manhole and discharge back into collection system.

Utilized vacuum truck service to stop overflow, while making repairs to pump station.

Western Knolls Lift station was removed from service on 07/24/2009. The force main discharge was disconnected approx 100 feet from lift station, jetted line, checked for flow.

Pressure relief valve turned off (others in line left in service to prevent pipe rupture). Spill on cement areas were chlorinated.

All 5 pressure relief valves (ARVs) in lift station cleaned out, Discharges from ARVs plumbed to discharge into wetwell (E).

Mitigated effects of spill by cleaning sidewalk, gutter and street around manhole. Added lime to puddle in storm drain where spill occurred.

Restored power to lift station, pumped wetwell. Disinfected cement area with HTH, Mitigated spill effects in dirt area with lime.

Reset pumps, got lift station working, called out pumper trucks and electrician, set pumper trucks to pull all water that the lift station could handle.

Spill was in residents back yard. Sucked up standing water. Limed spill. Put up temporary fencing to protect pets. Returned area to normal.

Contained spill in lift station using sandbags, broomed liquid back into manhole at entry point of wet-well.

Isolated pumps to stop flow, spill contained in excavation pit and backfilled pipe that was being installed. Pumper trucks to pump out water.

Cleared sewer line with Jet truck, pushed as much water back into lateral with brooms and rakes as possible, limed spill area.

Plugged broken Air Relief Valve.

Contained and diverted to downstream manhole with sand bags and a commercial pumper pumped, flushed and pumped out.

7/17/2013 15:35

2/9/2008 21:00
2/10/2008 13:00

3/13/2009 13:00
3/30/2009 15:30
4/2/2009 15:00

7/22/2009 17:15

8/19/2009 12:00
8/20/2009 12:00
9/3/2009 17:00
3/13/2009 13:00
9/23/2009 0:00

11/20/2009 12:00

12/23/2009 12:00

5/3/2010 13:30

1/4/2011 12:00
5/21/2012 16:37

1/17/2013 19:00
6/7/2007 11:00

4/3/2008 23:00

6/27/2009 16:30
9/15/2010 22:15

11/10/2011 14:30

11/14/2012 12:40

8/28/2013 10:00

6/4/2008 16:00

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic
Other (specify below)

Other (specify below)

Other (specify below)

Plan rehabilitation or replacement of sewer;Repaired sewer

Repaired sewer;Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program;Other (specify below)

Adjusted schedule/method of preventive maintenance;Other (specify below)

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Other (specify below)

Repaired sewer

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Enforcement acti

Other (specify below)

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance;Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Plan rehabilitation or repl

Repaired pump station.

Repair/replace broken piping

Repaired broken force main

Repaired broken pipe, electrical repaired and lift station put online for 2 days while preparing for diversion of flow to another

pressure relief valve removed from service until it can be cleaned, it and the other four scheduled for cleaning, will be put

Preventative maintenance includes weekly inspection and annual cleaning, Discharge side of pressure relief valve Scheduled

cleared blockage, will adjust cleaning or inspection frequency. Contractor notified that debris in line is unacceptable and

Repair/replace broken piping

Contacted manufacturer of switch for repair or replacement. Telemetry devices adjusted for more reliable signal.

Repaired lift station, adjust schedule for operator checking lift station, redundant high level alarm activated. Preparation for

Install bolt down M.H.covers in area.

Spoke with apartment management about material being flushed into the sewer system

CCTV Line to help determine cause

No

No
No

No
Yes
Yes

No

No
No
Yes
No
No

No

Yes

No

No
No

No
No

Yes

No
Yes

No

No

No

Yes

Sewage that entered the Santa Ana River was lost in the heavy river flow. No visible indication of sewage at the outfall w

N/A

NA

No dead fish, frogs or insects noted, appears minimal

No observed negative results to aquatic wildlife. Did not observe dead frogs, tadpoles, fish and crayfish.

N/A

No

Yes
No

No
No
No

No

No
No
Yes
No
Yes

No

Yes

No

No
No

No
No

Yes

No
No

No

No

No

No

NA
NA

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NA

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na

N/A

None

NA

NA

N/A

Santa Ana River

NA

Storm drain adjacent to I-10.

NA

NA

NA

na

NA

NA

Unknown at this time, Runoff parallels Temescal Cyn. road North of road, flows West

NA

Unknown, stormwater runoff channel that is North of and parallels San Timoteo Canyon road

Spill recovered in storm drain. No surface waters impacted.

Marshall Creek, Noble Creek (both dry creek beds)

N/A

None

Name of impacted surface water unknown due to discharge to combined

NONE

none

N/A

Craig Regional Park

Brea Canyon Channel

None

No impact to surface waters or any water

No impact to surface water(s)

Brea Creek

No surface waters impacted

Brea Creek

Randolph Creek

Randolph Creek

Brea Creek

Fullerton Creek Channel

No water quality samples taken

Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Biological indicator(s) - specify below

No water quality samples taken

Biological indicator(s) - specify below

No water quality samples taken

Not applicable to this spill

No water quality samples taken;Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Biological indicator(s) - specify below

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

NA

BOD, Choliform

BOD and Choliform

oxygen levels

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken

None of the above

Not applicable to this spill
None of the above
Regional Water Quality Control Board
No water quality samples taken
County Health Agency;Regional Water Quality Control Board

No water quality samples taken

None of the above

None of the above

No water quality samples taken
None of the above

None of the above
None of the above

County Health Agency;Regional Water Quality Control Board

None of the above;No water quality samples taken
None of the above

Regional Water Quality Control Board

None of the above

County Health Agency;Regional Water Quality Control Board

No water quality samples taken

Volumetric based on the width, depth, and estimated foot per second traveled.

134404 7/17/2013 14:55

81220 2/9/2008 18:30
81276 2/12/2008 9:00

92235 3/13/2009 13:00
92622 3/30/2009 13:55
92704 4/2/2009 14:20

95167 7/22/2009 12:40

95748 8/18/2009 17:45
95787 8/20/2009 8:55
96079 9/2/2009 9:45
92235 3/13/2009 13:00
96942 9/23/2009 0:00

97820 11/19/2009 18:06

98435 12/19/2009 9:44

102758 5/3/2010 10:38

123994 7/10/2012 13:56
130367 1/17/2013 17:30

4/3/2008 0:00
84983 7/8/2008 8:00
94666 6/29/2009 9:55
105570 9/16/2010 10:24

114073 7/7/2011 14:51
116701 11/10/2011 15:43

123425 6/12/2012 19:45
126898 11/14/2012 14:33
Dec-73 11/23/2012 15:50
135390 8/29/2013 7:45

80415 1/13/2008 17:40

6/4/2008 16:05
11/15/2008 11:30
88275 11/17/2008 6:30
10/17/2009 12:45

Jonathan Heffernan

7147656903

Joey Gomez - Crew Leader

7146813608

8SSO10546	Active	747271 Doug Brodowski	Certified
8SSO10546	Active	747310 Brian Jones	Certified
8SSO10546	Active	748776 Doug Brodowski	Certified
8SSO10546	Active	749443 Brian Jones	Certified
8SSO10546	Active	751385 Brian Jones	Certified
8SSO10546	Active	755679 Brian Jones	Certified
8SSO10546	Active	762016 Doug Brodowski	Certified
8SSO10546	Active	762517 Doug Brodowski	Certified
8SSO10546	Active	767438 Douglas Brodowski	Certified
8SSO10546	Active	771702 Doug Brodowski	Certified
8SSO10546	Active	781453 Doug Brodowski	Certified
8SSO10546	Active	789399 Michael Grisso	Certified
8SSO10546	Active	799745 Michael Grisso	Certified
8SSO10548	Active	794463 Curtis P. Plotkin	Certified
8SSO10548	Active	799387	Ready To Certify
8SSO10549	Active	645903 Jerry Vantine	Certified
8SSO10549	Active	721437 Jerry Vantine	Certified
8SSO10549	Active	728510 Jerry Vantine	Certified
8SSO10549	Active	730958 Jerry Vantine	Certified
8SSO10549	Active	731370 Jerry Vantine	Certified
8SSO10549	Active	735090 Jerry Vantine	Certified
8SSO10549	Active	740123 Jerry Vantine	Certified
8SSO10549	Active	740806 Jerry Vantine	Certified
8SSO10549	Active	751544 Jerry Vantine	Certified
8SSO10551	Active	647558 Olson Childress	Certified
8SSO10551	Active	710868 Olson Childress	Certified
8SSO10551	Active	731667 Olson Childress	Certified
8SSO10551	Active	734477 Olson Childress	Certified
8SSO10551	Active	740877 Olson Childress	Certified
8SSO10551	Active	742247 Olson Childress	Certified
8SSO10551	Active	742726 Olson Childress	Certified
8SSO10551	Active	744459 Olson Childress	Certified
8SSO10551	Active	748257 Olson Childress	Certified
8SSO10551	Active	748270 Olson Childress	Certified
8SSO10551	Active	751119 Olson Childress	Certified
8SSO10551	Active	761172 Olson Childress	Certified
8SSO10551	Active	762673 Olson Childress	Certified
8SSO10551	Active	762783 Olson Childress	Certified
8SSO10551	Active	762968 Olson Childress	Certified
8SSO10551	Active	773021 olson childress	Certified
8SSO10551	Active	778201 Olson Childress	Certified
8SSO10552	Active	708948 Doug Dancs	Certified
8SSO10552	Active	709014 Doug Dancs	Certified
8SSO10552	Active	719369 Doug Dancs	Certified
8SSO10552	Active	733912 Doug Dancs	Certified
8SSO10552	Active	766749 Doug Dancs	Certified
8SSO10552	Active	773412 Doug Dancs	Certified
8SSO10554	Active	739386 Russ Handy	Certified
8SSO10554	Active	757389 Russ Handy	Certified
8SSO10554	Active	778508 ELEAZAR RUBALCAVA	Certified
8SSO10554	Active	788810 Eleazar Rubalcava	Certified
8SSO10554	Active	788816 Eleazar Rubalcava	Certified
8SSO10554	Active	788824 Jarb Thaipejr	Certified
8SSO10556	Active	715672 William R. Thompson	Certified
8SSO10556	Active	715673 William R. Thompson	Certified

Administrative Analyst
Water and Sewer Superintendent
Administrative Analyst
Water and Sewer Superintendent
Water and Sewer Superintendent
Water/Sewer Superintendent
Administrative Analyst
Administrative Analyst
Senior Management Analyst
Sr. Management Analyst
Administrative Analyst
Utilities Manager
Utilities Manager
Director

Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Public Works Superintendent
Sanitation Supervisor
Sanitation Supervisor
Sanitation Supervisor
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Sanitation Supervisor
Sanitation Supervisor
Public Works Director/City Engineer
Director of Public Works/City Engineer
Public Works Director/City Engineer
Public Works Director/City Engineer
Public Works Director/City Engineer
Public Works Director/City Engineer
Utilities Superintendent
Utilities Superintendent
field superintendent
Superintendent
Superintendent
City Manager
Director of Public Works
Director of Public Works

9:03 a.m.		363836
	1452	961878
4:26p.m.		342387
	1337	163924
1319 hours		280134
	923	986051
12:56 p.m.		779069
8:06 a.m.		130354
Buena Park, CA		360362
	10/4/2011	881615
8:50 A.M.		734079
	853	473636
	13:45	865007
CSUF		300035
10:46am		697684
	1009	581108
	11/4/2008	498428
	9:27 AM	924001
	837	818181
	13:56	214494
	11:41	827474
	8:42	286588
	12:56	361649
Chino Hills City Yard		168702
Chino Hills City Yard		453107
Chino Hills City Yard		874601
Chino Hills City Yard		975268
Chino Hills City Yard		445007
Chino Hills City Yard		449376
Chino Hills City Yard		664315
Chino Hills City Yard		873730
Chino Hills City Yard		506947
Chino Hills City Yard		493003
Chino Hills City Yard		851234
City of Chino Hills Yard		142019
City of Chino Hills Yard		112719
Chino Hills City Yard		906040
Chino Hills City Yard		829586
Chino hills city yard		685068
City of Chino Hills City Yard		429987
City of Cypress		779215
City of Cypress		914710
City of Cypress		312581
City of Cypress		758158
City of Cypress		398217
City of Cypress		826727
City of Loma Linda		131830
City Yard		780744
	2:58 PM	749084
	10:42	656331
	10:48	828276
26000 Barton Rd Loma Linda		630052
Norco		303475
Norco		534155

2-Dec-09		27-Jan-11	1/27/2011
4-Dec-09		4-Dec-09	12/4/2009
25-Jan-10		25-Jan-10	1/31/2011
18-Feb-10		18-Feb-10	2/18/2010
7-Apr-10		7-Apr-10	4/7/2010
2-Aug-10	8/2/2010	2-Aug-10	8/2/2010
27-Jan-11	1/27/2011	27-Jan-11	1/27/2011
7-Feb-11	2/7/2011	7-Feb-11	2/7/2011
13-Jun-11	6/14/2011	27-Jun-11	6/27/2011
4-Oct-11	10/4/2011	4-Oct-11	10/4/2011
18-May-12	5/18/2012	18-May-12	5/18/2012
26-Dec-12	12/26/2012	26-Dec-12	12/26/2012
14-Oct-13	10/14/2013	14-Oct-13	10/14/2013
23-May-13	5/23/2013	1-Aug-13	8/1/2013
3-Oct-13	10/3/2013		
19-Jan-07		10-Feb-11	2/10/2011
3-Jul-08		15-Jul-08	7/15/2008
27-Oct-08		4-Nov-08	11/4/2008
22-Dec-08		9-Jan-09	1/9/2009
3-Jan-09		29-Jan-09	1/29/2009
17-Mar-09		31-Mar-09	3/31/2009
26-Jun-09		13-Jul-09	7/13/2009
7-Jul-09		23-Jul-09	7/23/2009
13-Apr-10		17-May-10	5/17/2010
2-Mar-07		5-Mar-07	1/13/2011
7-Jan-08		7-Jan-08	1/13/2011
9-Jan-09		13-Jan-11	1/13/2011
2-Mar-09		13-Jan-11	1/13/2011
8-Jul-09		13-Jan-11	1/13/2011
3-Aug-09		13-Jan-11	1/13/2011
10-Aug-09		12-Jan-11	1/12/2011
9-Sep-09		12-Jan-11	1/12/2011
11-Jan-10		13-Jan-11	1/13/2011
11-Jan-10		12-Jan-11	1/12/2011
30-Mar-10		12-Jan-11	1/12/2011
13-Jan-11	1/13/2011	13-Jan-11	1/13/2011
8-Feb-11	2/8/2011	8-Feb-11	2/8/2011
10-Feb-11	2/10/2011	10-Feb-11	2/10/2011
14-Feb-11	2/14/2011	14-Feb-11	2/14/2011
14-Nov-11	11/14/2011	14-Nov-11	11/14/2011
1-Mar-12	3/1/2012	1-Mar-12	3/22/2012
11-Dec-07		17-Dec-07	12/17/2007
11-Dec-07		17-Dec-07	12/17/2007
12-Jun-08		17-Jun-08	6/17/2008
20-Feb-09		9-Mar-09	3/9/2009
19-May-11	5/19/2011	23-May-11	5/23/2011
23-Nov-11	11/23/2011	9-Dec-11	12/9/2011
16-Jun-09		16-Jun-09	6/16/2009
5-Oct-10	10/5/2010	5-Oct-10	10/5/2010
8-Mar-12	3/8/2012	10-Jan-13	1/10/2013
5-Dec-12	4/17/2013	17-Apr-13	4/17/2013
6-Dec-12	4/17/2013	17-Apr-13	4/17/2013
6-Dec-12	12/6/2012	6-Dec-12	12/6/2012
2-Apr-08		5-May-08	5/5/2008
2-Apr-08		2-Apr-08	4/2/2008

Category 3		20	20
Category 3		110	90
Category 1		250	50
Category 3		50	50
Category 3		10	0
Category 3		700	500
Category 3		300	0
Category 3		20	20
Category 1		300	0
Category 1		250	150
Category 3		5	0
Category 3		10	0
Category 1	0	450	150
Category 1		250	175
Category 3	100	100	85
Category 3		500	500
Category 1		360	200
Category 3		300	250
Category 2		1000	1000
Category 3		600	500
Category 3		300	300
Category 3		40	40
Category 3		200	200
Category 3		100	100
Category 1		600	0
Category 1		200	0
Category 1		11520	9000
Category 3		120	0
Category 1		20	15
Category 3		500	0
Category 1		300	50
Category 3		5	0
Category 1		100	0
Category 1		100	0
Category 1		100	0
Category 1		30	0
Category 1		600	0
Category 1		30	0
Category 1		30	0
Category 1		400	0
Category 2		250000	0
Category 3		240	240
Category 3		40	40
Category 1		120	60
Category 3		60	60
Category 3		2	2
Category 3		20	20
Category 3		500	100
Category 3		750	0
Category 2		1200	250
Category 3		500	400
Category 3		500	0
Category 3		500	0
Category 3		40	40
Category 3		40	40

0 No	No
0 No	Yes
200 Yes	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	No
300 Yes	Yes
100 Yes	Yes
0 No	No
0 No	No
300 Yes	Yes
75 No	Yes
0 No	No
0 No	No
360 Yes	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
600 Yes	Yes
200 Yes	No
2520 Yes	Yes
0 No	No
5 Yes	Yes
0 No	No
250 Yes	Yes
0 No	No
100 Yes	Yes
100 Yes	Yes
100 Yes	Yes
30 Yes	Yes
600 Yes	Yes
30 Yes	Yes
30 Yes	Yes
400 Yes	Yes
0 No	No
No	No
No	No
60 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	No

Not Applicable - Spill did not reach storm drainpipe
No
No
Yes
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No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
No
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Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Yes
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe

5597 Los Palos
Tenth and Auto Center
Holder and Via Arroyo
6812 Stanton
5597 Los Pacos
Stanton and Crescent
La Palma/ El Monte St.
8702 Valley View St.
Holder St. @ Via Arroyo Ave.
City of Buena Park
6549 Mt. Lowe, Buena Park, CA.
8720 Valley View St.
6251 Regio Avenue Buena Park
California State University Fullerton - Between KHS-PLN-Academic Senate
California State University Fullerton - Titan Student Union & Student Union Way
Pine Crest Drive easement line West of Sandlewood Drive
Man Hole # 26 Big Bear Blvd
Big Bear Blvd MH # 231
LS#3
Knight MH#51
Lakeview/ Avon Court
Edgemoor Road- MH# 587
Pine Summit
Club View Drive
Intersection of Eln Ln. and Willow Ln.
13209 Lemonwood
Townsend Jr High easment
valle vista dr. and nature trail
BLD
los serranos gulf coarse
glenmead area
BLD
zenobia lane
Zenobia lane
3730 Teak Ln
Big League Dreams
Glenmead area
BLD
Pine Ave and 71 fwy
15898 canon ln
Pomona Rincon Lift Station
Orangewood & Holder
Holder south of Katella
5072 Belle ave.
5561 Camp
5125 Edgemont Cr.
4691 Myra Avenue
Tippecanoe/Rosewood
Juanita St., west end
University Mobil Home Park
City of Loma Linda
City of Loma Linda
City of Loma Linda
Grulla Lift Station
Grulla Lift Station

33.84162	-118.03517 Orange
33.86351	-117.99805 Orange
33.82782	-118.01964 Orange
33.8165	-117.99296 Orange
33.84162	-118.03517 Orange
33.8387	-117.99385 Orange
33.84669	-118.00668 Orange
33.83615	-118.02829 Orange
33.82779	-118.01969 Orange
33.81938	-118.01931 Orange
33.82224	-118.01844 Orange
33.835317	-118.02684 Orange
34.34344	-118.08105 Los Angeles
33.872222	-117.885964 Orange
33.88155	-117.888199 Orange
34.25095	-116.89018 San Bernardino
34.301944	116.990833 San Bernardino
34.25	116.866667 San Bernardino
34.457222	116.977222 San Bernardino
34.420278	116.960833 San Bernardino
34.48	-116.916667 San Bernardino
34.233416	-116.916885 San Bernardino
34.325833	-116.883333 San Bernardino
34.23359	-116.86535 San Bernardino
33.97286	-117.71561 San Bernardino
34.01353	-117.74547 San Bernardino
33.973983	-117.725231 San Bernardino
33.968889	117.726389 San Bernardino
33.959444	-117.679444 San Bernardino
33.970819	-117.705375 San Bernardino
33.972472	-117.728353 San Bernardino
33.959444	-117.67944 San Bernardino
33.965278	-117.717222 San Bernardino
33.965278	-117.717222 San Bernardino
33.973742	-117.723711 San Bernardino
33.959422	-117.67965 San Bernardino
33.97341	-117.71566 San Bernardino
33.95824	-117.68077 San Bernardino
33.9476	-117.67735 San Bernardino
33.96258	-117.76765 San Bernardino
33.95753	-117.68237 San Bernardino
33.795638	-118.019766 Orange
33.800268	-118.018413 Orange
33.815625	-118.044129 Orange
33.830182	118.035824 Orange
33.826259	-118.043327 Orange
33.815	-118.050772 Orange
34.063889	-117.260991 San Bernardino
34.05165	-117.23915 San Bernardino
34.0535	-117.27001 San Bernardino
34.04695	-117.25511 San Bernardino
34.04697	-117.25508 San Bernardino
34.0469	-117.25508 San Bernardino
33.956989	117.528033 Riverside
33.956989	117.528033 Riverside

At the intersection of Holder and Via Arroyo

Manhole, city owned

Street from manhole @ intersection of Mt. Ripley and Holder St.

Middle of street in front WALONG Distribution center

Between KHS-PLN & Academic Senate/Bookstore

Titian Student Union & Student Union Way clean out on the parkway adjacent to parking stalls.

Dirt access road west of Sandlewood Drive. Parellels to sewer gravity and force main easement. The area is an open field

Man Hole on South side of state hwy

Gravity main man hole on side of Big Bear Blvd.

Sewer Lift Station #3

On city residential street.

On paved road, south side of roadside, unpaved Right of Way

Spill was coming out of man hole in the city road

in residential area

On private property, coming out of clean out in front of building.

Intersection in residential area

Unimproved - dirt and vegetation

Parking Lot at a baseball stadium

Intersections of Orangewood & Holder

5072 Belle ave

Broken pipeline due to construction.

in intersection of Tippecanoe and Rosewood

East Side of University mobile home park

Flow thru a 3/4 opening on the top of the manhole cover.

Grulla Lift Station wet well

Lift/Pump Station

1

1

ded, non-structrual parcel

Manhole
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity Mainline
Gravity sewer;Manhole
Lateral Clean Out (Public)
Manhole
Manhole
Manhole
Pump station
Manhole
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Other (specify)
Manhole
Other (specify)
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Manhole
Manhole
Manhole
Manhole
Pump station
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Gravity sewer
Manhole
Manhole
Force main or pressure sewer
Force main or pressure sewer
Manhole
Pump station
Manhole

Manhole appears to have 'burped'.

Clear water

City manhole gravity line backed up due to blockage.

Private clean out in front of home.

Clean out

City sewer system pipeline.

Manhole

Street/curb and gutter
Storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter
Storm drain;Unpaved surface
Storm drain;Street/curb and gutter
Street/curb and gutter;Other (specify below)
Street/curb and gutter
Separate storm drain;Street/curb and gutter;Surface water;Other (specify below)
Separate storm drain;Street/curb and gutter;Surface water
Other paved surface
Other paved surface
Separate Storm Drain;Street/Curb and Gutter
Other (specify below)
Paved Surface;Street/Curb and Gutter
Unpaved surface
Surface water
Unpaved surface
Unpaved surface
Unpaved surface;Other (specify below)
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Surface water
Separate storm drain
Surface water
Unpaved surface
Surface water
Unpaved surface
Storm drain
Other paved surface
Surface water
Surface water
Storm drain
Surface water
Surface water
Surface water
Surface water
Surface water
Surface water
Unpaved surface
Other (specify below)
Other (specify below)
Storm drain
Other (specify below)
Other (specify below)
Other (specify below)
Other paved surface
Unpaved surface
Unpaved surface
Combined storm drain (combined CS only)
Combined storm drain (combined CS only)
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter

majority of spill went to grass area

spilled to curb/cutter and then vacuumed and returned to sewer

Vacuumed and returned to sewer

Carbon Creek

Manhole burped all of the spill was contained around manhole itself the spill never reached curb and cutter

Upon grass and planter area, sidewalk. Material re-discharged back to sewer system, post unclogging the sewer main.

Curb Gutters

Big Bear Lake in Boulder Bay Cove

On street and on dirt area, which had snow berm to contain spill and for clean up.

Return to sewer system

Return to sewer system

Return To Sewer System

Returned to System

Pumped via vac truck. Truck destination is Pomona Waterworks Reclamation, 295 Humane Way, Pomona, Ca 91766.

Neighboring city (City of San Bernardino) did clean-up and reported to the City of Loma Linda. City of San Bernardino sta

Street/curb and gutter

Manhole

11/21/2009 17:50	11/21/2009 18:00	11/21/2009 18:10	11/21/2009 18:30
12/4/2009 13:50	12/4/2009 13:50	12/4/2009 13:55	12/4/2009 14:20
1/25/2010 9:40	1/25/2010 9:55	1/25/2010 10:10	1/25/2010 10:30
2/18/2010 11:50	2/18/2010 11:55	2/18/2010 12:00	2/18/2010 12:20
4/2/2010 21:00	4/2/2010 21:15	4/2/2010 21:45	4/2/2010 21:45
7/31/2010 10:55	7/31/2010 11:00	7/31/2010 11:15	7/31/2010 11:55
12/23/2010 9:50	12/23/2010 10:05	12/23/2010 10:15	12/24/2010 11:00
2/4/2011 6:00	2/4/2011 6:10	2/4/2011 6:30	2/4/2011 6:50
6/11/2011 13:00	6/11/2011 13:00	6/11/2011 13:20	6/11/2011 14:15
9/18/2011 13:30	9/18/2011 15:15	9/18/2011 15:35	9/18/2011 15:42
5/16/2012 20:50	5/16/2012 21:00	5/16/2012 21:08	5/16/2012 22:00
11/14/2012 14:25	11/14/2012 14:30	11/14/2012 14:45	11/14/2012 15:10
9/25/2013 13:45	9/25/2013 13:45	9/25/2013 14:10	9/25/2013 14:30
5/23/2013 2:00	5/23/2013 2:22	5/23/2013 2:22	5/23/2013 3:45
10/3/2013 12:00	10/3/2013 5:30	10/3/2013 12:00	10/3/2013 12:30
1/7/2007 14:00	1/7/2007 14:30	1/7/2007 14:45	1/7/2007 16:30
7/3/2008 9:15	7/3/2008 9:25	7/3/2008 9:35	7/3/2008 10:00
10/25/2008 17:30	10/25/2008 17:35	10/25/2008 17:45	10/25/2008 17:50
12/19/2008 19:30	12/19/2008 19:45	12/19/2008 17:45	12/19/2008 20:30
1/3/2009 8:25	1/3/2009 8:30	1/3/2009 9:00	1/3/2009 10:45
3/14/2009 14:55	3/14/2009 15:00	3/14/2009 15:20	3/14/2009 15:45
6/26/2009 11:05	6/26/2009 11:05	6/26/2009 11:15	6/26/2009 11:45
7/6/2009 7:00	7/6/2009 7:30	7/6/2009 7:35	7/6/2009 8:00
4/10/2010 9:00	4/10/2010 9:11	4/10/2010 9:35	4/10/2010 10:45
3/1/2007 5:50	3/1/2007 6:23	3/1/2007 6:37	3/1/2007 7:05
1/5/2008 11:55	1/5/2008 13:30	1/5/2008 14:00	1/5/2008 18:45
1/6/2009 8:45	1/7/2009 8:45	1/7/2009 9:15	1/7/2009 9:30
2/28/2009 13:45	2/28/2009 14:45	2/28/2009 15:45	2/28/2009 16:00
7/5/2009 18:15	7/5/2009 18:28	7/5/2009 19:00	7/5/2009 19:30
8/2/2009 12:00	8/2/2009 12:30	8/2/2009 1:00	8/2/2009 1:30
8/10/2009 6:45	8/10/2009 6:45	8/10/2009 7:00	8/10/2009 7:30
9/6/2009 9:00	9/6/2009 9:13	9/6/2009 10:15	9/6/2009 10:16
1/9/2010 10:15	1/9/2010 10:30	1/9/2010 11:00	1/9/2010 11:30
1/9/2010 10:15	1/9/2010 10:30	1/9/2010 11:00	1/9/2010 11:30
3/30/2010 8:15	3/30/2010 8:20	3/30/2010 8:30	3/30/2010 8:40
1/9/2011 8:50	1/9/2011 8:55	1/9/2011 9:45	1/9/2011 10:00
3/1/2007 6:30	3/1/2007 6:45	3/1/2007 7:00	3/1/2007 7:20
1/9/2011 8:45	1/9/2011 9:00	1/9/2011 9:45	1/9/2011 10:00
2/14/2011 12:05	2/14/2011 12:15	2/14/2011 12:25	2/14/2011 12:30
11/11/2011 8:00	11/11/2011 8:15	11/11/2011 8:30	11/11/2011 8:45
2/28/2012 0:00	2/29/2012 8:00	2/29/2012 8:30	2/29/2012 1:50
12/9/2007 2:45	12/9/2007 3:00	12/9/2007 3:20	12/9/2007 3:30
12/10/2007 1:00	12/10/2007 1:05	12/10/2007 1:25	12/10/2007 1:35
6/10/2008 7:30	6/10/2008 7:50	6/10/2008 8:00	6/10/2008 8:30
2/14/2009 1:15	2/14/2009 1:30	2/14/2009 1:50	2/14/2009 2:15
5/16/2011 8:30	5/16/2011 9:37	5/16/2011 9:47	5/16/2011 9:57
11/8/2011 12:30	11/8/2011 12:35	11/8/2011 12:35	11/8/2011 12:45
6/5/2009 21:00	6/5/2009 21:00	6/5/2009 21:30	6/5/2009 22:00
9/20/2010 19:00	9/21/2010 7:03	9/21/2010 7:07	9/21/2010 7:15
2/14/2012 22:00	2/14/2012 23:18	2/15/2012 0:09	2/15/2012 2:20
11/16/2012 7:30	11/16/2012 8:50	11/16/2012 8:55	11/16/2012 10:10
11/19/2012 8:30	11/19/2012 8:50	11/19/2012 8:55	11/19/2012 10:10
11/19/2012 8:30	11/19/2012 8:50	11/19/2012 8:55	11/19/2012 10:10
3/23/2008 18:00	3/23/2008 18:00	3/23/2008 18:20	3/23/2008 18:20
3/23/2008 18:00	3/23/2008 18:00	3/23/2008 18:20	3/23/2008 18:20

Other (specify below)
Debri-General
Debri-Rags
Debri-Rags
Grease deposition (FOG)
Debri-Rags
Debri-Rags
Other (specify below)
Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Grease Deposition (FOG)
Root intrusion
Debris-General
Debri-General
Grease deposition (FOG)
Pump station failure
Pump station failure
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Vandalism
Root intrusion
Pump station failure
Grease deposition (FOG)
Root intrusion
Pump station failure
Debri-General
Debri-General
Root intrusion
Pump station failure
Grease deposition (FOG)
Pump station failure
Debri-General
Other (specify below)
Pump station failure
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Debri-Rags
Other (specify below)
Grease deposition (FOG)
Pump station failure
Debri-General
Debri-General
Debri-General
Debri-General
Pump station failure
Pump station failure

mophead

Appears to be cleaning wipes.

Grease accumulated on rags.

Mop Handle and Mop Head blocking drop

non-disposable rags wadded in the siphon

Flow meter loosened and caused blockage at manhole.

Force main air vac relief float stuck open, allowed sewage to flow out and out of the man hole cause flow on side of road.

Heavy roots from property's lateral intruding into city sewer main, causing blockage of flow.

New community construction –debris

Rags found in sewer line after cleaning

Gravel found in line

Baby Wips and Mop Head

Due to construction
grease blockage

Power Supply Failure

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
Lower Lateral
Lower Lateral (Public)
Main
Main
Other (specify below)
Other (specify below)
Main
Other (specify below)
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

Main
Main
Main
Main
Main
Main

Main

Main
Main
Main
Main
Main
Main
Main
Main

Pipe segment south of manhole located at the intersection of Holder and Via Arroyo.

city sewer main @ drop manhole

@ siphon

Malfunction at pump station, pumps failed to turn on.
Power malfunction during cold and snow conditions

The float of the air relief was stuck open.

Manhole located in a secluded unimproved area out of public view

8 VCP
8 VCP
8 vcp
8 vcp
6 VCP
8 VCP

No

15 VCP
12 iron

No

6 Clay
8 VCP
8 PVC

8 CCP/CIPP
12 Ductile Iron
8 CIPP
8 PVC
8 ACP
6 clay
8 ABS
8 Clay
8 clay

8
8

8 clay

50
40
50
50
50
45

43
360

40
1987
30

CCTV inspection to follow.

Plumbers brought in a jetting machine, cleared blockage, diked other areas on the grass, flushed system with water, was

Used Hydro truck to clean main line, hit obstruction and restored flow.

Spill took place on a golf course and soaked into the ground.

Due to construction the pipe was broken. The contractor immediately plugged the line and set up a by-pass pump for the

12/4/2009 14:40
1/25/2010 11:20

4/2/2010 22:30
7/31/2010 13:30

6/11/2011 14:30
9/18/2011 16:20

9/25/2013 16:30

7/3/2008 13:30
12/19/2008 23:00

3/1/2007 8:00
1/5/2008 18:45
1/7/2009 6:30

7/5/2009 20:30
8/10/2009 13:00

1/9/2010 11:30
1/9/2010 11:30
3/30/2010 9:00
1/9/2011 10:00
3/1/2007 8:00
1/9/2011 10:15
2/14/2011 2:15
11/11/2011 8:45
2/29/2012 9:00

6/10/2008 8:30

2/15/2012 3:00

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance
Other (specify below)

Added sewer to preventive maintenance program;Enforcement action against FOG source;Other (specify below)
Adjusted schedule/method of preventive maintenance

Enforcement action against FOG source;Inspected Sewer Using CCTV to Determine Cause

Added sewer to preventive maintenance program;Enforcement action against FOG source
Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program
Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program
Added sewer to preventive maintenance program
Plan rehabilitation or replacement of sewer
Repaired sewer
Added sewer to preventive maintenance program
Repaired sewer
Added sewer to preventive maintenance program
Added sewer to preventive maintenance program
Adjusted schedule/method of preventive maintenance;Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Investigating for cause.

investigating possible illegal dumping from a private contractor in area

CCTV work

Replaced electrical parts and upgrade equipment.

Immediately tack welded manhole lids to be followed by locking lids

replaced blown fuses

Operators will verify pumps are turned on before exiting the building, and signage has been posted as a reminder. Site is r

Jetted Sewer Main

No
No

No
Yes

Yes
No

Yes After

Yes

Yes

No
Yes
No

No

No

Yes
Yes
No
No
No
No
No
No
No

No

No

no solids visible minimal impact

No receiving water

n/a

N/A

No Impact
No Impact

No
No

No
No

No
No

No No

Yes

No

No
No
No

No

No

No
No
No
No
No
No
No
No
No
No

No

No

N/A
N/A

N/A
N/A

NA
None

NA

NA

NA
N/A
NA

NA

na

na
na
NA

NA

N/A
Carbon Creek

N/A
N/A
N/A
N/A
Carbon Creek Drainage Channel
Stanton Creek
None
none

None

Big Bear Lake

NA

Hickory Creek
Chino Creek
Strickling Creek aka Hickory or Hollow Creek/Lake Los Serranos

Chino Creek
NA
na

Hickory creek
Hickory creek
NA
Chino Creek
Hickory Creek
Chino Creek
Chino Creek
Carbon Canyon Creek
None

Carbon Creek

None
None

NA
N/A
N/A
n/a
N/A

No water quality samples taken
Not applicable to this spill

No water quality samples taken;Not applicable to this spill
No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

Other (specify below)

No water quality samples taken;Not applicable to this spill

No water quality samples taken
No water quality samples taken
Other (specify below)

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
Not applicable to this spill

No water quality samples taken

No water quality samples taken;Not applicable to this spill

Coliform count and Ecoli

N/A

Qantitry/HPC, Fecal, TDS, Total Coliform

No water quality samples taken
Not applicable to this spill

No water quality samples taken
No water quality samples taken

None of the above
None of the above

No water quality samples taken

None of the above

None of the above

None of the above
None of the above
None of the above

None of the above

No water quality samples taken

None of the above
No water quality samples taken
No water quality samples taken
None of the above
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
Not applicable to this spill

None of the above

None of the above

Big Bear Municipal Water District

N/A

multiply depth x width x ft/s x flow rate 182 gallons/hour x hours

Visual and recovered material into container

98099 12/4/2009 14:23

107833 4/2/2010 23:15
7/31/2010 12:38
12/24/2010 12:55

113509 6/11/2011 14:30
115553 9/18/2011 14:00
5/16/2012 21:00

136068 9/25/2013 16:45

94827 7/6/2009 9:45
84918 7/4/2008 9:35
87709 10/25/2008 19:15
89032 12/19/2008 20:25
90038 1/3/2009 10:21
92269 3/14/2009 16:15
94620 6/26/2009 14:30
94827 7/6/2009 9:54
102284 4/10/2010 13:37

90164 1/8/2009 5:26

121287 3/6/2012 0:00

8008257550 6/10/2008 9:30
91274 2/14/2009 3:17
113012 5/16/2011 10:01
11/8/2011 3:45
94171

Frank Moore Collection Systems Technician Lead

7145623708

Curtis P. Plotkin

6572784345

8SSO10557	Active	758876 Daryl Hartwill	Certified
8SSO10557	Active	761405 daryl hartwill	Certified
8SSO10557	Active	772833 Daryl Hartwill	Certified
8SSO10557	Active	773535 Daryl Hartwill	Certified
8SSO10557	Active	775261 Daryl Hartwill	Certified
8SSO10558	Active	652707 Dave Commons	Certified
8SSO10558	Active	719345 Jose Jorge Ramirez	Certified
8SSO10558	Active	720186 Jose Jorge Ramirez	Certified
8SSO10558	Active	729975 Jose Jorge Ramirez	Certified
8SSO10558	Active	738496 Jose Jorge Ramirez	Certified
8SSO10558	Active	738745 Jose Jorge Ramirez	Certified
8SSO10558	Active	743790 Jose Jorge Ramirez	Certified
8SSO10558	Active	755504 Jose Jorge Ramirez	Certified
8SSO10558	Active	759009 Jose Jorge Ramirez	Certified
8SSO10558	Active	764168 Jose Jorge Ramirez	Certified
8SSO10558	Active	764630 Jose Jorge Ramirez	Certified
8SSO10558	Active	767316 Jose Jorge Ramirez	Certified
8SSO10558	Active	779587 Jose Jorge Ramirez	Certified
8SSO10558	Active	780743 Jose Jorge Ramirez	Certified
8SSO10558	Active	789200 Jose Jorge Ramirez	Certified
8SSO10558	Active	789393 Jose Jorge Ramirez	Certified
8SSO10558	Active	790925 Jose Jorge Ramirez	Certified
8SSO10558	Active	792409 Jose Jorge Ramirez	Certified
8SSO10560	Active	646516 Stephen Schultz	Certified
8SSO10560	Active	647345 Stephen Schultz	Certified
8SSO10560	Active	647513 Stephen Schultz	Certified
8SSO10560	Active	647664 Edward J. Filadelfia	Certified
8SSO10560	Active	648402 Stephen Schultz	Certified
8SSO10560	Active	648407 Edward J Filadelfia	Certified
8SSO10560	Active	649291 Edward J. Filadelfia	Certified
8SSO10560	Active	650167 Edward J. Filadelfia	Certified
8SSO10560	Active	650169 Stephen Schultz	Certified
8SSO10560	Active	650424 Stephen Schultz	Certified
8SSO10560	Active	650772 Edward J. Filadelfia	Certified
8SSO10560	Active	650775 Stephen Schultz	Certified
8SSO10560	Active	650826 Stephen Schultz	Certified
8SSO10560	Active	651076 Stephen Schultz	Certified
8SSO10560	Active	651119 Stephen Schultz	Certified
8SSO10560	Active	651425 Stephen Schultz	Certified
8SSO10560	Active	653240 Stephen Schultz	Certified
8SSO10560	Active	654381 Edward J. Filadelfia	Certified
8SSO10560	Active	656568 Edward J. Filadelfia	Certified
8SSO10560	Active	657424 Stephen Schultz	Certified
8SSO10560	Active	657439 Edward J Filadelfia	Certified
8SSO10560	Active	658076 Stephen Schultz	Certified
8SSO10560	Active	704438 Edward J. Filadelfia	Certified
8SSO10560	Active	706196 Stephen Schultz	Certified
8SSO10560	Active	708064 Stephen Schultz	Certified
8SSO10560	Active	708231 Stephen Schultz	Certified
8SSO10560	Active	710239 Stephen Schultz	Certified
8SSO10560	Active	710412 Edward J. Filadelfia	Certified
8SSO10560	Active	710888 Stephen Schultz	Certified
8SSO10560	Active	710900 Stephen Schultz	Certified
8SSO10560	Active	711071 Stephen Schultz	Certified
8SSO10560	Active	711130 Edward J. Filadelfia	Certified

Public Works Manager
public works manager
Public Works Manager
Public Works Manager
Public Works Manager
Water Operations Manager
Sr Regulatory Compliance Officer
Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Senior Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Senior Regulatory Compliance Officer
Senior Regulatory Compliance Officer
Sr. Regulatory Compliance Officer
Sr. Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Sr Regulatory Compliance Officer
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Regulatory Affairs and Compliance Manager
Wastewater Systems Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Wastewater Systems Manager
Wastewater Systems Manager

952006

Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Wastewater Systems Manager
Regulatory Affairs and Compliance Manager
Wastewater Systems Manager
Regulatory Affairs and Compliance Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Regulatory Affairs and Compliance Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Regulatory Affairs and Compliance Manager

Perris California	250373
perris california	700328
Perris California	448633
Perris California	844508
Perris California	279388
City of Redlands	301443
8:40 a.m.	152044
8:50 A.M.	606123
8:17 a.m.	175131
8:14 a.m.	786214
10:37 A.M.	885930
8:11 a.m.	581630
8:43 a.m.	139054
8:23 a.m.	362791
2:38 p.m.	457701
11:19 a.m.	541058
	14:55 889417
	8:45 AM 664233
3:11 p.m.	653599
8:23 a.m.	381772
6:50 a.m.	259638
3:03 p.m.	343478
3:40 p.m.	218470
Riverside, CA	160045
Riverside, CA	207324
Riverside, CA	695966
City of Riverside	673997
Riverside	995485
City of Riverside	280233
City of Riverside	606881
City of Riverside	952006
Riverside, CA	568593
Riverside	658136
City of Riverside	695345
Riverside, CA	251220
Riverside, CA	354326
Riverside, CA	155767
Riverside, CA	675975
Riverside, CA	492277
Riverside CA	794494
City of Riverside	841174
City of Riverside	926592
Riverside, CA	717557
City of Riverside	742872
Riverside, CA	439737
City of Riverside	588561
Riverside, CA	473635
Riverside, CA	339618
Riverside, CA	248020
Riverside, CA	703503
City of Riverside	738849
Riverside, CA	723605
Riverside, CA	304421
Riverside CA	174659
City of Riverside	559600

23-Nov-10	11/23/2010	1-Dec-10	12/1/2010
19-Jan-11	1/24/2011	24-Jan-11	1/24/2011
8-Nov-11	11/8/2011	8-Nov-11	11/8/2011
29-Nov-11	11/29/2011	30-Nov-11	11/30/2011
4-Jan-12	1/4/2012	4-Jan-12	1/4/2012
25-Jun-07		25-Jun-07	6/25/2007
11-Jun-08		11-Jun-08	12/3/2010
24-Jun-08		24-Jun-08	6/24/2008
1-Dec-08		1-Dec-08	12/3/2010
4-Jun-09		4-Jun-09	12/3/2010
9-Jun-09		9-Jun-09	6/9/2009
26-Aug-09		26-Aug-09	12/3/2010
28-Jul-10	7/28/2010	28-Jul-10	7/28/2010
1-Dec-10	12/1/2010	1-Dec-10	12/1/2010
8-Mar-11	3/8/2011	8-Mar-11	3/8/2011
22-Mar-11	3/22/2011	22-Mar-11	3/22/2011
9-Jun-11	6/9/2011	9-Jun-11	6/9/2011
5-Apr-12	4/5/2012	5-Apr-12	4/5/2012
27-Apr-12	4/27/2012	27-Apr-12	4/27/2012
20-Dec-12	12/20/2012	20-Dec-12	12/20/2012
26-Dec-12	12/26/2012	26-Dec-12	12/26/2012
29-Jan-13	1/29/2013	29-Jan-13	1/29/2013
6-Mar-13	3/6/2013	6-Mar-13	3/6/2013
1-Feb-07		1-Feb-07	2/1/2007
26-Feb-07		26-Feb-07	2/26/2007
1-Mar-07		1-Mar-07	3/1/2007
5-Mar-07		5-Mar-07	2/22/2011
27-Mar-07		27-Mar-07	3/27/2007
27-Mar-07		27-Mar-07	2/26/2011
12-Apr-07		12-Apr-07	2/22/2011
4-May-07		4-May-07	2/22/2011
4-May-07		4-May-07	5/4/2007
11-May-07		11-May-07	5/11/2007
22-May-07		22-May-07	2/22/2011
22-May-07		22-May-07	5/22/2007
23-May-07		23-May-07	5/23/2007
29-May-07		29-May-07	5/29/2007
30-May-07		30-May-07	5/30/2007
6-Jun-07		6-Jun-07	6/6/2007
29-Jun-07		29-Jun-07	6/29/2007
18-Jul-07		18-Jul-07	2/22/2011
30-Aug-07		30-Aug-07	2/22/2011
14-Sep-07		14-Sep-07	9/14/2007
14-Sep-07		14-Sep-07	2/26/2011
26-Sep-07		26-Sep-07	9/26/2007
1-Oct-07		1-Oct-07	2/22/2011
23-Oct-07		23-Oct-07	10/23/2007
26-Nov-07		26-Nov-07	11/26/2007
27-Nov-07		27-Nov-07	11/27/2007
24-Dec-07		26-Dec-07	12/26/2007
27-Dec-07		27-Dec-07	2/22/2011
8-Jan-08		8-Jan-08	1/8/2008
8-Jan-08		8-Jan-08	1/8/2008
10-Jan-08		10-Jan-08	1/10/2008
11-Jan-08		11-Jan-08	2/22/2011

Category 1	500	100
Category 3	200	150
Category 3	100	50
Category 2	1000	0
Category 3	500	0
Category 3	300	
Category 3	25	25
Category 3	30	30
Category 3	600	600
Category 1	250	200
Category 3	100	90
Category 1	100	25
Category 3	200	200
Category 3	100	100
Category 1	250	50
Category 1	600	500
Category 1	200	100
Category 2	2300	800
Category 3	200	130
Category 1	250	0
Category 1	350	0
Category 1	25	15
Category 1	300	200
Category 3	400	
Category 3	20	
Category 3	20	
Category 3	450	450
Category 3	150	
Category 3	100	0
Category 3	150	150
Category 3	20	20
Category 3	30	30
Category 3	500	495
Category 3	400	400
Category 3	600	600
Category 3	200	200
Category 3	200	200
Category 2	1500	1500
Category 3	100	0
Category 3	700	0
Category 2	4083	4083
Category 2	5984	5984
Category 3	5	0
Category 3	30	30
Category 3	5	5
Category 2	1000	1000
Category 3	50	0
Category 3	180	72
Category 3	400	0
Category 3	50	50
Category 2	1100	1100
Category 3	5	0
Category 3	25	25
Category 3	30	15
Category 3	204	204

500 No	Yes
0 No	No
0 No	Yes
0 No	No
0 No	No
No	No
0 No	No
0 No	No
0 No	Yes
50 No	Yes
0 No	No
75 No	Yes
0 No	No
0 No	No
200 No	Yes
100 No	Yes
100 No	Yes
0 No	Yes
0 No	Yes
250 No	Yes
350 No	Yes
10 No	Yes
100 No	Yes
No	No
No	No
No	No
0 No	No
No	No
0 No	No
0 No	No
0 No	No
0 No	No
No	No
No	No
0 No	No
No	No
No	No
No	No
0 No	No
No	No
0 No	Yes
0 No	Yes
0 No	No
No	No
0 No	No
No	No
0 No	No
No	No
No	No
No	No
0 No	No
No	No
No	No
No	No
0 No	No

Perris1250 S Perrisblvd
Public Works Dept
1250 South Perris Blvd
3rd and Park
Perris and Midway
city of Redlands
Dearborn Street and Sessums Drive
539 Stuart Ave.
420 S. Center Street
733 Bermuda Dr.
322 Alvarado St.
1200 E. Colton Ave.
1113 Crescent Ave.
1309 Colton Ave.
525 Marilyn Ln.
Palo Verde Dr.
Colton Ave. & University St.
1200 Colton Avenue
531 East Stuart Street
Central Ave. & Kaye St.
parkford Drive
Kimberly Place
1950 Nevada Street
Main Street Deli
Single Family Residence
Fairmount Park Public Restroom
Riverside Community College
City Sewer Manhole
Private lateral cleanout
City Manhole # 2M54
City Manhole
City Manhole
City Manhole
City Manhole 4M45
City Manhole 7C161
Private sewer cleanout connected to City sewer main
Dexter Pump Station
City Manhole 5L6 at Arroyo Drive and Stonewood Drive
City manhole in easement on Rockledge
Sewer line cleanout
City Manhole
City Manhole
TC Comm Inc.
City sewer line cleanout
City easement manhole
Single Family Residence
Single Family Residence
Easement sewer at 8458 Penny Dr.
Canyon Crest Country Club
City sewer easement
City street sewer manhole.
Single Family Residence
Street and Single Family Residence
City right of way in middle of street.
City Sewer Manhole

33.77418	-117.22655 Riverside
33.914722	-117.303056 Riverside
33.77418	-117.22655 Riverside
33.783333	-117.239444 Riverside
33.779444	-117.232222 Riverside
34.06	117.176111 San Bernardino
34.08168	-117.15004 San Bernardino
34.05955	-117.17519 San Bernardino
34.04651	-117.18541 San Bernardino
34.05036	-117.16544 San Bernardino
34.05292	-117.15548 San Bernardino
34.06149	-117.16382 San Bernardino
34.03261	-117.18127 San Bernardino
34.0622	-117.17224 San Bernardino
34.03115	-117.1485 San Bernardino
34.02877	-117.14623 San Bernardino
34.06282	-117.16481 San Bernardino
34.06282	-117.16378 San Bernardino
34.05957	-117.17604 San Bernardino
34.05715	-117.15769 San Bernardino
34.04194	-117.15677 San Bernardino
34.03875	-117.17523 San Bernardino
34.08878	-117.21743 San Bernardino
33.938841	117.409557 Riverside
33.997771	117.350273 Riverside
33.997323	117.373951 Riverside
33.972389	-117.379203 Riverside
33.950741	117.501416 Riverside
33.98751	-117.37348 Riverside
34.00261	-117.34787 Riverside
33.917802	-117.420948 Riverside
33.984217	117.383605 Riverside
33.95428	117.409822 Riverside
33.971944	-117.353333 Riverside
33.932222	117.498611 Riverside
33.977778	117.380278 Riverside
33.9975	117.381667 Riverside
33.958056	117.361944 Riverside
33.959722	117.371944 Riverside
33.960278	117.372222 Riverside
33.967778	-117.409444 Riverside
33.912222	-117.323056 Riverside
34.011667	117.366389 Riverside
33.94601	-117.30085 Riverside
33.955833	117.398333 Riverside
33.9575	-117.362222 Riverside
33.947222	117.466111 Riverside
33.947778	117.463611 Riverside
33.951111	117.334444 Riverside
33.968889	117.388889 Riverside
33.963333	-117.352222 Riverside
33.957222	117.336111 Riverside
33.984444	117.383611 Riverside
33.939444	117.434167 Riverside
33.968056	-117.399167 Riverside

sewer

Manhole 10

Map page J-33 Manhole number 67

At 420 S. Center Street floor drain and toilets

City manhole

Homeowner's cleanout

City of Redlands sewer manhole

City Manhole

City manhole

City Manhole

City of Redlands service manhole Map Page K32 MH49

City of Redlands service manhole map page J32

At the wastewater treatment plant by the septic hauler dump station

Basement of Deli

Private contractor blocked a private sewer lateral that resulted in an overflow inside the bathroom of the home and in the City sewer line stoppage due to lateral repairs to the public bathroom being done by the City's Parks and Recreation Dept. Asphalt, rocks, grit, and debris had created a partial blockage of a 12 inch sewer line and caused a wastewater overflow.

A City manhole was overflowing in the intersection.

Wastewater had overflowed from a private sewer lateral cleanout due to a root blockage in a City sewer line.

Manhole in street overflow through pick holes.

Manhole in street.

City manhole in street

City manhole at end of cul-de-sac.

City manhole in street.

City manhole in street and residential clean out in backyard of home.

A private lateral cleanout overflowed due to a root blockage in the City's main line servicing the area.

Sewer lift station overflow

Overflow from manhole 5L6 at the intersection of Arroyo Drive and Stonewood Drive.

Overflowing manhole in sewer easement.

Sewer line located at the bottom of a hillside on undeveloped private property.

City manhole located in a remote area behind gated area that is paved with adjacent fields and unlined drainage channel.

City manhole at end of cul de sac street

Private lateral sewer cleanout in front yard area.

City sewer line cleanout at the end of a small cul-de-sac off of Sycamore Canyon Blvd.

Residential backyard sewer easement manhole

Private lateral cleanout

City easement manhole in backyard of home

Two residential sewer lateral cleanouts.

City manhole in golf course easement

Alleyway sewer easement

City street sewer manhole.

Discharge came from sewer lateral cleanout as a result of a main line blockage.

Basement of single family residence and from a manhome in the street.

The spill was in a ditch being excavated by Public Utilities in the center of Snowberry Street.

Manhole located in the street

planter area.

.
from a manhole into a nearby dry storm

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Building or structure;Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Manhole
Manhole
Gravity sewer;Manhole
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Building or structure;Other sewer system structure
Building or structure
Building or structure
Gravity sewer
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Pump station
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Other (specify)
Gravity sewer
Manhole
Other (specify)
Manhole
Other (specify)
Manhole
Manhole
Other sewer system structure
Other (specify)
Other (specify)
Other (specify)
Manhole

Private sewer lateral cleanout.

City manhole in street and residential clean out in backyard of home.
Private cleanout

Private lateral sewer cleanout.

Private lateral cleanout

Residential sewer cleanouts

Cleanout of single family residence.
Single Family residence and manhole
The spill was from a broken 6 inch sewer line in an earthen ditch.

Separate storm drain
Unpaved surface
Separate storm drain
Unpaved surface
Street/curb and gutter
Other paved surface
Street/curb and gutter
Other paved surface;Street/curb and gutter
Building or structure;Street/curb and gutter;Unpaved surface
Other (specify below)
Building or structure;Other paved surface;Unpaved surface
Separate storm drain
Street/curb and gutter
Other (specify below)
Separate storm drain
Other paved surface
Separate storm drain
Separate storm drain
Building or structure;Other paved surface;Separate storm drain;Street/curb and gutter
Separate storm drain
Other paved surface;Separate storm drain
Other paved surface;Separate storm drain
Building or structure;Other paved surface;Street/curb and gutter
Building or structure
Building or structure
Other (specify below)
Separate storm drain
Street/curb and gutter
Other paved surface
Separate storm drain
Street/curb and gutter
Building or structure
Street/curb and gutter;Unpaved surface
Separate storm drain
Street/curb and gutter;Unpaved surface
Street/curb and gutter
Other paved surface
Storm drain
Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Other (specify below)
Other (specify below)
Street/curb and gutter;Unpaved surface
Other (specify below)
Separate storm drain
Other (specify below)
Other (specify below)
Other (specify below)
Unpaved surface
Separate storm drain
Unpaved surface
Building or structure;Other paved surface
Unpaved surface
Other paved surface;Separate storm drain;Street/curb and gutter

50 Gallons was lost into the storm drain, and the remainder of the spill was washed down and vacuumed up.

Redlands Wastewater Treatment Plant

Only 50 gallons were recovered an return in to sewer line

From the total volume of the spill 2300 gallons we be able to recover 800 gallons and 1500 gallons lost.

Lateral excavation pit

The dry storm channel was blocked to contain the wastewater.

Ravine with flowing ground water.

Area around cleanout

Immediate area surrounding the manhole.

Backyard area surrounding the manhole

rear yard areas of two homes

Golf course fairway

11/22/2010 11:30	11/22/2010 11:50	11/22/2010 12:00	11/22/2010 12:15
1/18/2011 11:30	1/18/2011 11:35	1/18/2011 12:10	1/18/2011 12:40
11/3/2011 10:48	11/3/2011 10:48	11/3/2011 11:25	11/3/2011 12:30
11/25/2011 11:00	11/25/2011 11:00	11/25/2011 11:30	11/25/2011 15:30
12/31/2011 14:45	12/31/2011 15:00	12/31/2011 15:30	12/31/2011 16:20
5/20/2007 5:45	5/20/2007 5:55	05/20/0227 06:15	5/20/2007 6:30
5/18/2008 12:00	5/18/2008 12:15	5/18/2008 12:40	5/18/2008 13:05
5/28/2008 1:30	5/28/2008 1:40	5/28/2008 1:50	5/28/2008 2:03
11/26/2008 8:50	11/26/2008 8:50	11/26/2008 9:05	11/26/2008 9:15
6/3/2009 12:31	6/3/2009 12:31	6/3/2009 12:45	6/3/2009 13:30
6/3/2009 6:45	6/3/2009 6:45	6/3/2009 7:00	6/3/2009 8:00
8/25/2009 7:54	8/25/2009 7:54	8/25/2009 8:10	8/25/2009 8:10
7/27/2010 9:03	7/27/2010 9:03	7/27/2010 9:15	7/27/2010 9:30
11/16/2010 13:45	11/16/2010 13:45	11/16/2010 14:15	11/16/2010 15:00
3/6/2011 15:20	3/6/2011 15:20	3/6/2011 15:45	3/6/2011 16:00
3/18/2011 9:30	3/18/2011 9:30	3/18/2011 11:20	3/18/2011 12:00
6/8/2011 11:30	6/8/2011 11:30	6/8/2011 11:50	6/8/2011 12:30
3/26/2012 18:30	3/26/2012 18:30	3/26/2012 18:50	3/26/2012 19:00
4/27/2012 7:00	4/27/2012 8:15	4/27/2012 8:40	4/27/2012 8:50
12/19/2012 14:36	12/19/2012 14:36	12/19/2012 15:09	12/19/2012 14:40
12/20/2012 8:53	12/20/2012 8:53	12/20/2012 9:15	12/20/2012 9:20
1/27/2013 12:45	1/27/2013 12:45	1/27/2013 1:15	1/27/2013 3:00
3/6/2013 8:00	3/6/2013 8:30	3/6/2013 8:45	3/6/2013 8:45
1/28/2007 14:09	1/28/2007 14:09	1/28/2007 15:25	1/28/2007 15:40
2/23/2007 11:15	2/23/2007 11:15	2/23/2007 11:25	2/23/2007 12:30
2/28/2007 7:40	2/28/2007 7:40	2/28/2007 7:55	2/28/2007 10:00
2/24/2007 12:00	2/26/2007 8:25	2/26/2007 8:50	2/26/2007 9:30
3/24/2007 13:20	3/24/2007 13:20	3/24/2007 14:10	3/24/2007 14:20
3/25/2007 14:25	3/25/2007 14:25	3/25/2007 15:20	3/25/2007 15:25
4/9/2007 13:38	4/9/2007 13:50	4/9/2007 13:00	4/9/2007 13:55
4/30/2007 16:22	4/30/2007 16:22	4/30/2007 17:38	4/30/2007 18:09
4/26/2007 11:02	4/26/2007 11:02	4/26/2007 10:10	4/26/2007 11:40
4/26/2007 21:50	4/26/2007 20:50	4/26/2007 22:46	4/26/2007 22:03
5/18/2007 17:40	5/18/2007 17:40	5/18/2007 18:10	5/18/2007 18:20
5/18/2007 14:45	5/18/2007 14:45	5/18/2007 15:20	5/18/2007 15:52
5/16/2007 14:25	5/16/2007 14:25	5/16/2007 14:45	5/16/2007 14:50
5/26/2007 18:40	5/26/2007 18:40	5/26/2007 19:00	5/26/2007 19:05
5/29/2007 7:57	5/29/2007 7:57	5/29/2007 8:22	5/29/2007 8:38
6/5/2007 6:25	6/5/2007 6:25	6/5/2007 6:40	6/5/2007 8:00
6/23/2007 19:35	6/23/2007 19:35	6/23/2007 20:10	6/23/2007 23:00
7/16/2007 21:45	7/16/2007 21:45	7/16/2007 21:10	7/16/2007 21:50
8/29/2007 8:52	8/29/2007 8:52	8/29/2007 9:16	8/29/2007 9:31
9/10/2007 14:40	9/10/2007 14:40	9/10/2007 15:00	9/10/2007 17:00
9/12/2007 13:54	9/12/2007 13:54	9/12/2007 14:50	9/12/2007 15:09
9/24/2007 14:52	9/24/2007 14:52	9/24/2007 15:26	9/24/2007 15:40
9/30/2007 8:57	9/30/2007 8:57	9/30/2007 9:25	9/30/2007 9:39
10/18/2007 14:17	10/18/2007 14:17	10/18/2007 14:29	10/18/2007 15:30
11/20/2007 8:40	11/20/2007 8:40	11/20/2007 9:05	11/20/2007 9:45
11/23/2007 9:51	11/23/2007 9:51	11/23/2007 10:30	11/23/2007 12:22
12/23/2007 9:11	12/23/2007 9:11	12/23/2007 9:49	12/23/2007 11:55
12/26/2007 9:02	12/26/2007 9:02	12/26/2007 9:14	12/26/2007 9:23
12/26/2007 15:38	12/26/2007 15:38	12/26/2007 16:40	12/26/2007 17:15
1/5/2008 14:43	1/5/2008 14:43	1/5/2008 15:30	1/5/2008 16:00
1/8/2008 13:57	1/8/2008 13:57	1/8/2008 14:32	1/8/2008 16:18
1/9/2008 7:53	1/9/2008 7:53	1/9/2008 8:18	1/9/2008 8:25

Debri-General
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags
Root intrusion
Grease deposition (FOG)
Root intrusion
Debri-Rags
Debris
Other (specify below)
Debris
Other (specify below)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Debri-General
Root intrusion
Vandalism
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Grease deposition (FOG)

Found sand bags
Grit is the cause stoppage

Blocked private lateral

Asphalt, rocks, grit, and debris had created a partial blockage of a 12 inch sewer line and caused a manhole to overflow

A root accumulation had resulted in a sewer blockage that caused an overflow from a manhole in the street.

Blockage in effluent force from station.

Contractor had left sandbags in sewer line.

Accidental break caused by Public Utilities Maintenance crew.

Main
Main
Main
Main
Main

Main
Main
Main
Main
Main
Main

Main
Main
Main
Main
Main
Main
Main
Main
Main
Other (specify below)

Main

Main
Main
Main

Main

Main
Main

Lower Lateral

Main

Main

Main

The septic hauler dump station at the wastewater treatment plant

8 PVC
12 clay
8 pvc
8 pvc
8
8 clay

8 VCP

8 vcp
12 VCP
8 VCP
8 VCP
8 VCP
8 VCP

8 VCP
8 vcp
8 vcp
6 vcp

8 vcp
8 vcp
8 VCP
10 VCP

8 vcp

8 vcp

Private contractor cleaned up spill.

The dry storm channel was blocked to contain the wastewater. All wastewater and flush water were removed by Vector tr

Repaired a broken clean-out and portion of pipe.

All wastewater and an additional 6667 gallons of nuisance water was recovered and returned to sanitary sewer. 15 cubic
All 581 gallons of wastewater were recovered and 5,466 gallons of water from the ravine due to rising ground water.

The storm drain was flushed with water and bleach. All wastewater was contained and recovered from the retention struc

11/22/2010 12:15

11/3/2011 12:30

11/25/2011 15:30

11/26/2008 0:00

6/3/2009 13:30

8/25/2009 9:30

3/6/2011 18:00

3/18/2011 13:30

6/8/2011 12:30

3/26/2012 21:00

4/27/2012 12:00

12/19/2012 15:30

12/20/2012 11:30

1/27/2013 3:00

3/6/2013 9:30

4/9/2009 15:45

5/29/2007 14:45

6/26/2007 14:00

7/17/2007 10:00

8/29/2007 14:00

9/30/2007 17:00

12/26/2007 13:35

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Enforcement action against FOG source

Added sewer to preventive maintenance program;Enforcement action against FOG source

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Enforcement action against FOG source

Added sewer to preventive maintenance program;Enforcement action against FOG source

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Repaired sewer

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Roots caused a blockage in the sewer line and a video inspection was performed to verify roots were the cause. The cle:

NA

Manhole will be evaluated for welded sealing.

Removed roots from sewer.

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

N/A

NA
NA

NA

NA

NA

NA
Wastewater was mixed with stream flow.

NA
NA
NA
NA
NA
NA
NA
NA
NA
N/A

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

Yes

Yes

No

No

NA
NA

NA

NA

NA

NA

NA

NA

NA
NA
NA

NA

NA

NA

NA
NA

NA

None

NA
NA
NA
NA
None
NA

NA

NA

NA

NA

NA
NA

Ravine with rising groundwater between Mission Grove PW S and Trautwein Rd.

NA

NA

NA

Not applicable to this spill

No water quality samples taken

No water quality samples taken

Not applicable to this spill

No water quality samples taken;Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken;Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Biological indicator(s) - specify below

Not applicable to this spill

No water quality samples taken

NA
Total fecal coliform

None of the above

None of the above

None of the above

No water quality samples taken

No water quality samples taken;Not applicable to this spill

None of the above

None of the above

None of the above

Not applicable to this spill

None of the above

Not applicable to this spill

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

County Health Agency;Regional Water Quality Control Board

None of the above

No water quality samples taken

NA
Results will be sent when available.

5627952957	11/22/2010 12:55
110329	1/18/2011 12:39
116566	11/3/2011 13:21
116996	11/25/2011 17:02
117679	12/31/2011 16:58

122012	3/26/2012 8:28
122522	4/27/2012 14:45

73249	5/29/2007 8:52
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74260	7/16/2007 23:09
75199	8/29/2007 14:40

75960	9/30/2007 9:54
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77922	12/26/2007 10:15
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8SSO10560	Active	711236 Craig A. Justice	Certified
8SSO10560	Active	711981 Stephen Schultz	Certified
8SSO10560	Active	712501 Stephen Schultz	Certified
8SSO10560	Active	712508 Stephen Schultz	Certified
8SSO10560	Active	712535 Edward J. Filadelfia	Certified
8SSO10560	Active	712743 Edward J. Filadelfia	Certified
8SSO10560	Active	714521 Denis James	Certified
8SSO10560	Active	714567 Edward J Filadelfia	Certified
8SSO10560	Active	715068 Edward J Filadelfia	Certified
8SSO10560	Active	715072 Dennis James	Certified
8SSO10560	Active	715534 Dennis James	Certified
8SSO10560	Active	715894 Dave Commons	Certified
8SSO10560	Active	716366 Dave Commons	Certified
8SSO10560	Active	717716 Dave Commons	Certified
8SSO10560	Active	718746 Dave Commons	Certified
8SSO10560	Active	719661 Edward J. Filadelfia	Certified
8SSO10560	Active	720844 Dave Commons	Certified
8SSO10560	Active	721836 Dave Commons	Certified
8SSO10560	Active	721863 Dave Commons	Certified
8SSO10560	Active	724223 Dave Commons	Certified
8SSO10560	Active	725874 Craig Justice	Certified
8SSO10560	Active	726168 Craig Justice	Certified
8SSO10560	Active	726247 Craig Justice	Certified
8SSO10560	Active	726639 Craig Justice	Certified
8SSO10560	Active	727263 David Commons	Certified
8SSO10560	Active	728140 Craig Justice	Certified
8SSO10560	Active	728562 Craig A. Justice	Certified
8SSO10560	Active	728720 Craig A. Justice	Certified
8SSO10560	Active	729133 Craig A. Justice	Certified
8SSO10560	Active	729184 Craig A. Justice	Certified
8SSO10560	Active	729948 Craig A. Justice	Certified
8SSO10560	Active	730664 Craig A. Justice	Certified
8SSO10560	Active	730950 Craig A. Justice	Certified
8SSO10560	Active	731022 Craig A. Justice	Certified
8SSO10560	Active	731657 Craig A. Justice	Certified
8SSO10560	Active	732389 Craig A. Justice	Certified
8SSO10560	Active	732471 Craig A. Justice	Certified
8SSO10560	Active	732472 Craig A. Justice	Certified
8SSO10560	Active	732925 Craig A. Justice	Certified
8SSO10560	Active	732927 Craig A. Justice	Certified
8SSO10560	Active	732928 Craig A. Justice	Certified
8SSO10560	Active	733849 Craig A. Justice	Certified
8SSO10560	Active	733851 Craig A. Justice	Certified
8SSO10560	Active	733913 Craig A. Justice	Certified
8SSO10560	Active	734489 Craig A. Justice	Certified
8SSO10560	Active	735204 Edward J Filadelfia	Certified
8SSO10560	Active	735905 Craig A. Justice	Certified
8SSO10560	Active	735909 Craig A. Justice	Certified
8SSO10560	Active	735911 CRaig A. Justice	Certified
8SSO10560	Active	736036 Craig A. Justice	Certified
8SSO10560	Active	736365 Craig Justice	Certified
8SSO10560	Active	737047 Craig A. Justice	Certified
8SSO10560	Active	737048 Craig A. Justice	Certified
8SSO10560	Active	737050 Craig A. Justice	Certified
8SSO10560	Active	737575 Craig Justice	Certified

City of Riverside RWQCP	862383
Riverside	605369
Riverside, CA	269008
Riverside, CA	262685
City of Riverside	735350
City of Riverside	607555
Riverside	206104
City of Riverside	414468
City of Riverside	408383
Riverside	485293
Riverside	156128
Riverside	649550
Riverside	880802
Riverside, CA	148176
Riverside, CA	916722
City of Riverside	888028
Riverside, CA	573734
Riverside, CA	703542
Riverside, CA	731658
Riverside, CA	654733
Riverside, CA	798441
Riverside, CA	146169
Riverside, CA	388634
Riverside, CA	879680
Riverside, CA	511889
City of Riverside RWQCP	270525
City of Riverside RWQCP	750454
City of Riverside RWQCP	439106
City of Riverside RWQCP	317938
City of Riverside RWQCP	624067
City of Riverside RWQCP	519456
City of Riverside RWQCP	999834
City of Riverside RWQCP	882915
City of Riverside RWQCP	133700
City of Riverside RWQCP	321811
City of Riverside RWQCP	136291
City of Riverside RWQCP	859600
City of Riverside RWQCP	570672
City of Riverside RWQCP	591739
City of Riverside RWQCP	369016
City of Riverside RWQCP	647114
City of Riverside RWQCP	275813
City of Riverside RWQCP	712922
City of Riverside RWQCP	702272
City of Riverside RWQCP	764763
City of Riverside	752644
City of Riverside RWQCP	773635
City of Riverside RWQCP	406103
City of Riverside RWQCP	696227
City of Riverside RWQCP	666859
City of Riverside RWQCP	186741
City of Riverside RWQCP	131249
City of Riverside RWQCP	167091
City of Riverside RWQCP	573093
City of Riverside RWQCP	639638

15-Jan-08	15-Jan-08	1/14/2009
29-Jan-08	29-Jan-08	1/29/2008
6-Feb-08	6-Feb-08	2/6/2008
6-Feb-08	6-Feb-08	2/6/2008
7-Feb-08	7-Feb-08	2/22/2011
13-Feb-08	13-Feb-08	2/22/2011
5-Mar-08	5-Mar-08	3/5/2008
6-Mar-08	6-Mar-08	2/26/2011
20-Mar-08	20-Mar-08	2/26/2011
20-Mar-08	20-Mar-08	3/20/2008
28-Mar-08	28-Mar-08	3/28/2008
8-Apr-08	8-Apr-08	4/8/2008
22-Apr-08	22-Apr-08	4/22/2008
20-May-08	21-May-08	5/21/2008
3-Jun-08	4-Jun-08	6/4/2008
17-Jun-08	17-Jun-08	2/22/2011
28-Jun-08	3-Jul-08	7/3/2008
9-Jul-08	9-Jul-08	7/9/2008
9-Jul-08	9-Jul-08	7/9/2008
5-Aug-08	5-Aug-08	8/5/2008
6-Sep-08	11-Sep-08	9/11/2008
11-Sep-08	12-Sep-08	9/12/2008
15-Sep-08	16-Sep-08	9/16/2008
22-Sep-08	23-Sep-08	9/23/2008
2-Oct-08	2-Oct-08	10/2/2008
20-Oct-08	20-Oct-08	10/20/2008
27-Oct-08	28-Oct-08	10/28/2008
30-Oct-08	30-Oct-08	10/30/2008
10-Nov-08	17-Nov-08	11/17/2008
12-Nov-08	17-Nov-08	11/17/2008
30-Nov-08	1-Dec-08	12/1/2008
17-Dec-08	19-Dec-08	12/19/2008
22-Dec-08	22-Dec-08	12/22/2008
23-Dec-08	23-Dec-08	12/23/2008
9-Jan-09	12-Jan-09	1/12/2009
23-Jan-09	28-Jan-09	1/28/2009
24-Jan-09	30-Jan-09	1/30/2009
24-Jan-09	28-Jan-09	1/28/2009
3-Feb-09	6-Feb-09	2/6/2009
3-Feb-09	6-Feb-09	2/6/2009
3-Feb-09	6-Feb-09	2/6/2009
18-Feb-09	19-Feb-09	2/19/2009
18-Feb-09	19-Feb-09	2/19/2009
20-Feb-09	20-Feb-09	2/20/2009
3-Mar-09	9-Mar-09	3/9/2009
19-Mar-09	26-Mar-09	2/25/2011
3-Apr-09	7-Apr-09	4/7/2009
3-Apr-09	7-Apr-09	4/7/2009
3-Apr-09	7-Apr-09	4/7/2009
7-Apr-09	7-Apr-09	4/7/2009
15-Apr-09	17-Apr-09	4/17/2009
1-May-09	7-May-09	5/7/2009
1-May-09	11-May-09	5/11/2009
1-May-09	11-May-09	5/11/2009
19-May-09	22-May-09	5/22/2009

Category 3	10	10
Category 3	200	
Category 3	10	10
Category 3	5	0
Category 3	500	500
Category 3	500	500
Category 3	50	50
Category 1	500	250
Category 3	40	40
Category 3	500	500
Category 3	50	0
Category 3	600	600
Category 2	1500	1500
Category 3	383	383
Category 3	100	100
Category 3	20	20
Category 3	100	0
Category 3	10	10
Category 3	25	0
Category 3	20	0
Category 3	5	4
Category 3	10	10
Category 3	10	10
Category 2	1645	80
Category 3	5	5
Category 3	20	0
Category 3	20	20
Category 1	100	20
Category 3	303	3
Category 3	5	0
Category 3	200	200
Category 1	1350	775
Category 2	1800	1620
Category 3	200	200
Category 3	3	0
Category 3	5	0
Category 3	10	10
Category 3	352	352
Category 3	12	12
Category 3	230	230
Category 3	230	230
Category 3	200	200
Category 3	50	50
Category 3	5	5
Category 3	10	0
Category 1	402	315
Category 3	135	135
Category 3	18	18
Category 3	1	0
Category 3	374	374
Category 2	4200	3990
Category 3	10	0
Category 3	90	90
Category 3	95	95
Category 3	250	250

0 No	No
No	No
No	No
No	No
0 No	No
0 No	No
No	No
250 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
80 Yes	Yes
0 No	No
0 No	No
0 No	No
575 Yes	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
87 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No

[illegible]

Single Family Residence Sewer Cleanout
Single family residences
Single Family Residence
Dexter Lift Station
City Sewer Manhole
City Sewer Line, Manhole 4L140
Single Family Residence
City Sewer Manhole # 8H34
Manhole 5L4
City Sewer Manhole 5J87
City Manhole 6G217
City sewer line
Municipal Auditorium
Arlington/Fairhaven Liftstation
City Sewer Line
City Sewer Main
Private sewer cleanout connected to City sewer main
City's Manhole - 7020A
City Manhole - 3K162
Single Family Residence
Intersection of Wichita Dr & Crestwood Pl
City main line
Single Family Residence
City Manhole No. 5J147
City sewer line
Single Family Residence
City Manhole No. 6F41
City Sewer Line
Single Family Residence
Single Family Residence
Manhole No. 5L25
Manhole No. 4M65
Manhole No. 4L1
Manhole NO. 6H66A
Single Family Residence
Single Family Residence
Single Family Residence
City Sewer Manhole 7F43
Manhole No. 5K34
Manhole No. 3L5
Manhole No. 3L5
City Manhole 90109A
City Manhole 5L19
Single Family Residence
Single Family Residence
City Manhole # A512
City mainline
Single Family Residence
Single Family Residence
City Main
City Trunk Line
Single Family Residence
Skylark Motel
City Main Line
Single Family Residence

33.967486	117.386928 Riverside
33.966944	117.370278 Riverside
33.987778	117.38 Riverside
33.997222	117.381667 Riverside
33.972222	-117.3575 Riverside
33.969444	-117.37 Riverside
33.917194	117.502994 Riverside
33.917311	-117.421375 Riverside
33.965025	-117.365964 Riverside
33.957611	117.402636 Riverside
33.947839	117.442739 Riverside
33.978292	117.380131 Riverside
33.98195	117.371093 Riverside
33.951164	117.509455 Riverside
34.001217	117.349952 Riverside
33.968041	-117.395589 Riverside
33.929016	117.400144 Riverside
33.928826	-117.268152 Riverside
33.993254	-117.381037 Riverside
33.968825	-117.356764 Riverside
33.907186	117.440353 Riverside
33.992369	117.382083 Riverside
33.919009	-117.501385 Riverside
33.963282	-117.400188 Riverside
33.942222	117.471944 Riverside
33.972051	-117.356988 Riverside
33.942403	-117.452656 Riverside
33.937461	117.461144 Riverside
33.947643	-117.463174 Riverside
33.947219	-117.467415 Riverside
33.959508	-117.375402 Riverside
33.973635	-117.357189 Riverside
33.96727	-117.375104 Riverside
33.946054	117.426861 Riverside
33.919199	117.426807 Riverside
33.988864	117.373934 Riverside
33.934493	117.469032 Riverside
33.920213	117.451456 Riverside
33.964601	117.383213 Riverside
33.990607	117.371673 Riverside
33.990607	117.371673 Riverside
33.914253	117.319867 Riverside
33.95867	117.365523 Riverside
33.932322	117.498459 Riverside
33.938309	-117.350826 Riverside
33.959417	-117.405399 Riverside
33.960894	-117.397712 Riverside
33.927963	-117.491972 Riverside
33.95429	-117.419331 Riverside
33.990893	-117.372643 Riverside
33.956658	-117.307089 Riverside
33.978881	-117.396635 Riverside
33.975358	-117.357709 Riverside
33.986578	-117.377275 Riverside
33.928569	-117.400482 Riverside

The spill was contained in a bathroom and a driveway depression

On soil around manhole immediately downstream of lift station

The spill was from a manhole in an alley between 10 th and 11 th streets, cross street Kansas Ave. Spill traveled down K

The spill was from a sewer manhole at the intersection of Park Av. and Pleasant Street.

From a manhole located in a backyard right of way.

City Sewer Line/ Manhole No. 2M67

Single Family Residence

A private lateral cleanout overflowed due to a grease blockage in the City's main line servicing the area.

Intersection of Wichita Dr & Crestwood Pl

Sewer line at river bottom in dirt field

City Cleanout - Manhole 7B135 surcharged due to a blockage in the city line.

The spill occurred within an excavating pit while a City contractor was replacing a sewer line.

City Water Dept. broke the crown of a City sewer line while excavating.

City manhole 7F43 intersection of Hayes and Taft

Corner of Mission Village Dr and Northrup Dr City manhole # 90109A

City manhole intersection of Stonewood and Daventry

300 ft West of Brockton Av

Previously reported under 5215 La Sierra X Gramercy.

ansas to a storm drain channel.

Other (specify)
Other (specify)
Building or structure
Manhole
Other sewer system structure
Manhole
Building or structure
Manhole
Manhole
Pump station
Manhole
Other (specify)
Building or structure
Pump station
Manhole
Building or structure
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Other (specify)
Building or structure
Manhole
Other (specify)
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Building or structure
Manhole
Force main or pressure sewer
Force main or pressure sewer
Force main or pressure sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer

Cleanout for single family residence

The spill was at two locations, in a bathroom and from a outside cleanout.

The sewage came out through a crack in the road.

Private cleanout

Vactor truck's vacuum tube

Sewage coming from ground, manhole 3K166 surcharged.

open excavation trench

Cleanout at dead end street.

Cleanout and dwelling.

Other paved surface
Building or structure;Other paved surface
Building or structure
Unpaved surface
Separate storm drain;Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter
Building or structure;Other paved surface;Unpaved surface
Separate storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Unpaved surface
Unpaved surface
Other paved surface;Storm drain;Street/curb and gutter
Building or structure;Other paved surface
Street/curb and gutter;Unpaved surface
Street/curb and gutter
Building or structure
Unpaved surface
Storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Other (specify below)
Other (specify below)
Building or structure
Street/curb and gutter
Other paved surface;Storm drain;Street/curb and gutter;Surface water
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Unpaved surface;Other (specify below)
Storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface;Storm drain;Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Other paved surface;Storm drain;Street/curb and gutter
Building or structure;Other paved surface;Storm drain;Street/curb and gutter
Building or structure
Building or structure;Other paved surface;Street/curb and gutter
Other paved surface;Separate storm drain;Street/curb and gutter;Surface water;Unpaved surface
Other (specify below)
Unpaved surface
Building or structure
Other (specify below)
Other paved surface;Storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Street/curb and gutter
Other paved surface
Unpaved surface

The spill created a damp spot around a manhole downstream of a lift station.

The spill was contained by a flower bed attached to the house with a small pool located in the driveway.

The spill was contained within the excavating pit with no chance of human contact.
open excavation trench

Existed manhole to nearby storm drain inlet. Traveled through storm drain system for about 1,400 feet and discharged to
180 gallons of sewage, which entered into the catch basin, had a final destination of an empty field and percolated into ground.
Contained in storm drain inlet box and recovered by vacuum truck

Crew set-up portable spill berm in front of drain inlet located @ 6210 Wiehe Av also a diversion structure of dirt/leaves with
Contractor's ditch

Dirt Trench
Spill contained next to a storm drain tin whistle, 5% percolated into soil.

Contractor's ditch.

1/12/2008 12:01	1/12/2008 12:01	1/12/2008 12:15	1/12/2008 13:30
1/23/2008 16:48	1/23/2008 16:48	1/23/2008 17:25	1/23/2008 18:00
1/28/2008 9:25	1/28/2008 9:25	1/28/2008 9:25	1/28/2008 9:26
2/1/2008 7:47	2/1/2008 8:20	2/1/2008 8:20	2/1/2008 7:48
2/6/2008 11:30	2/6/2008 11:30	2/6/2008 11:49	2/6/2008 11:57
2/12/2008 7:42	2/12/2008 7:42	2/12/2008 8:07	2/12/2008 8:12
2/29/2008 18:30	2/29/2008 18:30	2/29/2008 19:00	2/29/2008 19:40
3/5/2008 21:40	3/5/2008 21:40	3/5/2008 22:15	3/5/2008 22:07
3/18/2008 13:46	3/18/2008 13:46	3/18/2008 14:05	3/18/2008 14:08
3/18/2008 9:28	3/18/2008 9:28	3/18/2008 9:46	3/18/2008 10:03
3/24/2008 10:52	3/24/2008 9:52	3/24/2008 11:10	3/24/2008 11:42
4/4/2008 14:12	4/4/2008 14:12	4/4/2008 14:39	4/4/2008 16:28
4/19/2008 17:40	4/19/2008 17:40	4/19/2008 18:02	4/19/2008 19:45
5/20/2008 9:00	5/20/2008 10:31	5/20/2008 10:48	5/20/2008 11:07
6/2/2008 12:00	6/2/2008 12:48	6/2/2008 13:00	6/2/2008 13:05
6/15/2008 12:00	6/15/2008 12:56	6/15/2008 13:45	6/15/2008 14:28
6/28/2008 7:58	6/28/2008 7:58	6/28/2008 8:20	6/28/2008 9:01
7/7/2008 10:34	7/7/2008 10:34	7/7/2008 10:34	7/7/2008 11:51
7/5/2008 11:00	7/5/2008 11:30	7/5/2008 12:17	7/5/2008 1:15
8/4/2008 11:20	8/4/2008 11:40	8/4/2008 12:00	8/4/2008 12:40
8/19/2008 6:00	8/22/2008 11:37	8/19/2008 6:00	8/19/2008 6:45
9/3/2008 9:25	9/3/2008 9:29	9/3/2008 9:42	9/3/2008 10:21
9/12/2008 11:50	9/12/2008 11:56	9/12/2008 12:33	9/12/2008 12:48
9/15/2008 11:00	9/15/2008 6:00	9/15/2008 6:20	9/15/2008 21:33
9/30/2008 9:10	9/30/2008 9:10	9/30/2008 9:30	9/30/2008 13:15
10/16/2008 20:00	10/17/2008 12:59	10/17/2008 13:19	10/16/2008 21:00
10/25/2008 22:50	10/25/2008 23:00	10/25/2008 23:00	10/26/2008 0:39
10/29/2008 22:10	10/29/2008 22:10	10/29/2008 22:30	10/30/2008 1:11
11/9/2008 13:00	11/9/2008 14:20	11/9/2008 14:40	11/9/2008 15:08
11/7/2008 20:15	11/7/2008 20:22	11/7/2008 21:02	11/7/2008 22:30
11/30/2008 10:00	11/30/2008 10:07	11/30/2008 10:25	11/30/2008 11:18
12/16/2008 8:25	12/16/2008 8:27	12/16/2008 8:34	12/16/2008 9:14
12/20/2008 13:35	12/20/2008 13:37	12/20/2008 13:50	12/20/2008 13:57
12/22/2008 17:40	12/22/2008 17:42	12/22/2008 18:26	12/22/2008 18:34
1/7/2009 11:43	1/7/2009 11:44	1/7/2009 12:00	1/7/2009 12:46
1/15/2009 14:00	1/15/2009 14:00	1/15/2009 14:20	1/15/2009 15:00
1/22/2009 15:25	1/22/2009 15:30	1/22/2009 15:47	1/22/2009 16:30
1/21/2009 9:00	1/21/2009 9:03	1/21/2009 9:30	1/21/2009 9:40
1/30/2009 13:33	1/30/2009 13:33	1/30/2009 14:03	1/30/2009 14:34
1/31/2009 16:40	1/31/2009 17:00	1/31/2009 17:30	2/1/2009 14:08
1/31/2009 16:40	1/31/2009 17:00	1/31/2009 17:30	2/1/2009 14:08
2/13/2009 7:55	2/13/2009 7:52	2/13/2009 8:12	2/13/2009 8:25
2/14/2009 14:43	2/14/2009 14:43	2/14/2009 15:07	2/14/2009 14:10
2/18/2009 15:03	2/18/2009 15:08	2/18/2009 15:38	2/18/2009 16:05
2/26/2009 13:00	2/26/2009 13:20	2/26/2009 13:45	2/26/2009 13:20
3/18/2009 8:24	3/18/2009 8:26	3/18/2009 8:35	3/18/2009 8:45
4/1/2009 11:30	4/1/2009 11:30	4/1/2009 11:40	4/1/2009 14:00
3/31/2009 9:48	3/31/2009 9:50	3/31/2009 10:15	3/31/2009 10:40
4/2/2009 9:15	4/2/2009 9:15	4/2/2009 9:15	4/2/2009 9:15
4/4/2009 8:00	4/6/2009 9:39	4/6/2009 10:02	4/6/2009 10:36
4/12/2009 11:06	4/12/2009 11:06	4/12/2009 11:37	4/12/2009 12:36
4/28/2009 7:22	4/28/2009 7:22	4/28/2009 7:40	4/28/2009 7:55
4/28/2009 8:35	4/28/2009 8:35	4/28/2009 9:35	4/28/2009 22:00
4/29/2009 8:30	4/29/2009 8:30	4/29/2009 8:50	4/29/2009 15:00
5/13/2009 8:28	5/13/2009 7:59	5/13/2009 8:20	5/13/2009 8:30

Operator error
Pipe structural problem/failure
Other (specify below)
Other (specify below)
Debris-General
Grease deposition (FOG)
Debris
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Pump station failure
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Operator error
Root intrusion
Debris
Operator error
Root intrusion
Debris
Other (specify below)
Operator error
Debris
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Root intrusion
Operator error
Operator error
Grease deposition (FOG)
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Debris-Rags
Debris-Rags
Pipe structural problem/failure
Pipe structural problem/failure
Vandalism

The spill was due to a blow-over . During line cleaning, high pressure water from the vacuor truck went up the residential
The spill was caused by a temporary jump in line pressure when a second pump was brought on line at the lift station.

The blockage was caused by a combination of sticks and grease.
Rags

The spill was caused by a combination of grease and root intrusion.

A City contractor working on a nearby main sewer line placed a bypass in the manhole downstream of the auditorium. The
Cause of spill is unknown.

The contractor broke the sewer manhole casting while working on a sewer improvement project.

Grease and Roots

A build up of grease resulted in a blockage that caused an overflow from the manhole in the street.

Blockage was caused from ground cover roots that grew through the manhole and into the main line.
A root accumulation had resulted in a sewer blockage that caused an overflow from a manhole in the street.

City contractor accidentally broke the old 8" mainline that was being replaced with a 12" .
Contractor removing a mechanical plug upon completion of a lateral tie end caused spill.
Crew performing hydro jetting of main caused a blow over (spill of 1/2 gal) to residence bathrooms.
Contractor performing a City Sewer Main replacement.
Surveyor's stake was in the manhole channel which caught rags and caused the blockage.

City contractor installing a bypass line failed.

lateral and pushed water out of the toilets in two

Main
Main

Main
Main

a bypass obstructed the flow resulting in a backu

Other (specify below)
Main

Main
Main
Main

Main
Main
Main

Main
Main

Main

Main
Main
Main

Main

› bathrooms.

up into the auditorium.

The cause of spill is unknown. The debris was unidentified. The line was last cleaned approximately 2 months ago.

8 VCP

3

8 VCP

A grease blockage resulted in a back-up of sewage onto a driveway on Grove and into a bathroom of a single family residence.

The contaminated area around the manhole was disinfected with sodium hypochlorite.

Sewer and storm drain maintenance crews addressed this spill. The sewer crew cleared the line, removed contaminated solids.

A City crew reopened the line using a Vactor truck. Cleanup was performed by the City contractor Stilwell Construction.

The spill percolated into the soil before it could be vacuumed up. The soil was disinfected.

There were no solids and liquids will percolate in the ground.

The spill occurred on 9/15/08 at 11:00 am. The contractors set up a bypass by 12:30 pm and returned 80% of the spill to the main line.

Recovered 775 gal. About 575 gallons unrecoverable due to large volume of storm water flow in line. Sample taken as a precaution.

Contractor removed and disposed of contaminated soil.

City contractor cleaned and disinfected bathrooms.

City contractor excavated area found a large rag stuck in the lateral causing spill to seep thru asphalt onto the street.

3/6/2008 0:40

4/19/2008 21:10

9/16/2008 6:20

10/30/2008 3:40

12/16/2008 0:00
12/20/2008 16:00

3/18/2009 14:00

4/12/2009 17:30

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance; Enforcement action against FOG source
Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Repaired sewer

Instructed contractor on proper placement of bypass line.

The spill was caused due to contractor error while working on a sewer improvement project. Repairs were made and all a

No

No

No

No

Yes
No

No

No

No sewage was released to receiving waters.
No sewage was released into receiving waters.
No sewage reached receiving waters.

N/A

No visible impacts at point of discharge. High flow conditions due to storm water.

No

Yes

No

No

No
No

No

No

NA
NA

NA

NA

N/A

NA

NA
N/A

N/A

NA

NA
NA

Santa Ana River

NA

N/A

County storm channel

Santa Ana River - reach 3
N/A

Santa Ana River

NA

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Biological indicator(s) - specify below
Not applicable to this spill

Biological indicator(s) - specify below

Not applicable to this spill

Total Coliform and Fecal

Microbiology - Fecal Coliform Testing

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

None of the above

County Health Agency;Regional Water Quality Control Board
Not applicable to this spill

None of the above

None of the above

81852	3/5/2008 23:20
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82570	4/4/2008 15:45
82917	4/19/2008 0:00

85010	7/9/2008 8:56
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86765	9/16/2008 11:30
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87811	10/29/2008 23:10
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88941	12/16/2008 9:06
89043	12/20/2008 14:48

91234	2/13/2009 9:59
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92340	3/18/2009 9:29
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92928	4/12/2009 12:50
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8SSO10560	Active	738159 Craig A. Justice	Certified
8SSO10560	Active	738163 Craig A. Justice	Certified
8SSO10560	Active	738247 Craig Justice	Certified
8SSO10560	Active	739162 Craig A. Justice	Certified
8SSO10560	Active	739163 Craig A. Justice	Certified
8SSO10560	Active	739165 Craig A. Justice	Certified
8SSO10560	Active	739565 Craig A. Justice	Certified
8SSO10560	Active	739859 Craig A. Justice	Certified
8SSO10560	Active	741408 Craif A. Justice	Certified
8SSO10560	Active	743475 Craig A. Justice	Certified
8SSO10560	Active	744057 Craig A. Justice	Certified
8SSO10560	Active	744062 Craig A. Justice	Certified
8SSO10560	Active	744911 Edward J Filadelfia	Certified
8SSO10560	Active	745028 Craig A. Justice	Certified
8SSO10560	Active	745291 John Kemp	Certified
8SSO10560	Active	745302 John Kemp	Certified
8SSO10560	Active	745323 Edward J Filadelfia	Certified
8SSO10560	Active	745600 John Kemp	Certified
8SSO10560	Active	746437 John Kemp	Certified
8SSO10560	Active	747280 John Kemp	Certified
8SSO10560	Active	747291 John Kemp	Certified
8SSO10560	Active	747443 John Kemp	Certified
8SSO10560	Active	747460 John Kemp	Certified
8SSO10560	Active	747743 Edward J Filadelfia	Certified
8SSO10560	Active	747864 John Kemp	Certified
8SSO10560	Active	747949 John Kemp	Certified
8SSO10560	Active	748327 John Kemp	Certified
8SSO10560	Active	748785 John Kemp	Certified
8SSO10560	Active	749495 John Kemp	Certified
8SSO10560	Active	749837 John Kemp	Certified
8SSO10560	Active	749838 John Kemp	Certified
8SSO10560	Active	749839 John Kemp	Certified
8SSO10560	Active	749991 Edward J Filadelfia	Certified
8SSO10560	Active	750102 John Kemp	Certified
8SSO10560	Active	750483 Edward J Filadelfia	Certified
8SSO10560	Active	750535 Edward J Filadelfia	Certified
8SSO10560	Active	750713 John Kemp	Certified
8SSO10560	Active	750733 John Kemp	Certified
8SSO10560	Active	751108 Edward J Filadelfia	Certified
8SSO10560	Active	751744 Edward J Filadelfia	Certified
8SSO10560	Active	752113 Edward Filadelfia	Certified
8SSO10560	Active	752244 Edward Filadelfia	Certified
8SSO10560	Active	752316 Edward Filadelfia	Certified
8SSO10560	Active	752707 Edward Filadelfia	Certified
8SSO10560	Active	752765 Edward J. Filadelfia	Certified
8SSO10560	Active	753281 Edward J. Filadelfia	Certified
8SSO10560	Active	753399 Edward J. Filadelfia	Certified
8SSO10560	Active	753400 Edward J. Filadelfia	Certified
8SSO10560	Active	753679 Edward J. Filadelfia	Certified
8SSO10560	Active	754712 Kevin Street	Certified
8SSO10560	Active	755942 Edward J. Filadelfia	Certified
8SSO10560	Active	756228 Edward J. Filadelfia	Certified
8SSO10560	Active	756459 Edward J. Filadelfia	Certified
8SSO10560	Active	756627 Edward J. Filadelfia	Certified
8SSO10560	Active	756884 Edward J. Filadelfia	Certified

Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Wastewater Systems Manager
Regulatory Affairs and Compliance Manager
Wastewater Systems Manager
Chief Plant Operator
Chief Plant Operator
Regulatory Affairs and Compliance Manager
Chief Plant Operator
RWQCP Supt.
Operations Superintendent
Operations Superintendent
Operations Superintendent
Operations Superintendent
Regulatory Affairs and Compliance Manager
Operations Superintendent
Operations Superintendent
Operations Superintendent
Wastewater Operations Supt.
Operations Superintendent
Operations Superintendent
Operations Superintendent
Operations Superintendent
Regulatory Affairs and Compliance Manager
Wastewater Operations Supt.
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Wastewater Operations Supt.
Wastewater Operations Supt.
Compliance Manager
Regulatory Affairs Manager
Compliance Manager
Regulatory Affairs Manager
Compliance Manager
Regulatory Affairs Manager
Reg Affairs & Compliance Manager
Regulatory Affairs & Compliance Manager
Regulatory Affairs and Compliance Manager
regulatory Affairs & Compliance Manager
Regulatory Affairs & Compliance Manager
Regulatory Programs & Compliance Manager
Regulatory Affairs & Compliance Manager
Regulatory Affairs & Compliance Manager
Regulatory Affairs and Compliance Manager
Environmental Affairs & Compliance Manager
Regulatory Affairs & Compliance Manager

City of Riverside RWQCP	524910
City of Riverside RWQCP	331428
City of Riverside RWQCP	306728
City of Riverside RWQCP	207472
City of Riverside RWQCP	856430
City of Riverside RWQCP	636315
City of Riverside RWQCP	744700
City of Riverside RWQCP	914618
City of Riverside RWQCP	532063
City of Riverside RWQCP	822429
City of Riverside RWQCP	268599
City of Riverside RWQCP	156289
City of Riverside	997830
City of Riverside RWQCP	172932
City of Riverside	556633
City of Riverside	509635
City of Riverside	836910
City of Riverside	741838
Riverside	968406
Riverside, CA	580882
Riverside, CA	513988
Riverside, CA	762762
Riverside, CA	818825
City of Riverside	232098
Riverside, CA	727792
Riverside, CA	329775
Riverside, CA	648990
Riverside, CA	445122
Riverside, CA	490146
Riverside, CA	248011
Riverside, CA	182975
Riverside, CA	211870
City of Riverside	196422
Riverside, CA	321618
City of Riverside	940350
City of Riverside	314905
Riverside, CA	463045
Riverside, CA	411420
City of Riverside	885255
City of Riverside	415846
City of Riverside	593282
City of Riverside	857850
City of Riverside	374074
City of Riverside	723895
City of Riverside	237538
City of Riverside	183718
City of Riverside	717187
City of Riverside	999424
City of Riverside	124728
Riverside Regional WQCP	496898
City of Riverside	161437
City of Riverside	122152
City of Riverside	749603
City of Riverside	449394
City of Riverside	100226

28-May-09		4-Jun-09	6/4/2009
28-May-09		4-Jun-09	6/4/2009
29-May-09		4-Jun-09	6/4/2009
12-Jun-09		17-Jun-09	6/17/2009
12-Jun-09		17-Jun-09	6/17/2009
12-Jun-09		17-Jun-09	6/17/2009
18-Jun-09		25-Jun-09	6/25/2009
24-Jun-09		25-Jun-09	6/25/2009
17-Jul-09		31-Jul-09	7/31/2009
20-Aug-09		26-Aug-09	8/26/2009
1-Sep-09		4-Sep-09	9/4/2009
1-Sep-09		4-Sep-09	9/4/2009
21-Sep-09		28-Sep-09	2/25/2011
25-Sep-09		28-Sep-09	9/28/2009
1-Oct-09		16-Oct-09	10/16/2009
1-Oct-09		16-Oct-09	10/16/2009
2-Oct-09		16-Oct-09	2/25/2011
14-Oct-09		16-Oct-09	10/16/2009
3-Nov-09		3-Nov-09	11/3/2009
3-Dec-09		9-Dec-09	12/9/2009
3-Dec-09		9-Dec-09	12/9/2009
10-Dec-09		11-Dec-09	12/11/2009
11-Dec-09		11-Dec-09	12/11/2009
22-Dec-09		22-Dec-09	2/26/2011
23-Dec-09		23-Dec-09	12/23/2009
29-Dec-09		29-Dec-09	12/29/2009
13-Jan-10		13-Jan-10	1/13/2010
25-Jan-10		25-Jan-10	1/25/2010
19-Feb-10		19-Feb-10	2/19/2010
26-Feb-10		26-Feb-10	2/26/2010
26-Feb-10		26-Feb-10	2/26/2010
26-Feb-10		26-Feb-10	2/26/2010
2-Mar-10		3-Mar-10	2/28/2011
3-Mar-10		4-Mar-10	3/4/2010
11-Mar-10		12-Mar-10	2/26/2011
12-Mar-10		12-Mar-10	2/26/2011
17-Mar-10		18-Mar-10	3/18/2010
18-Mar-10		18-Mar-10	3/18/2010
30-Mar-10		31-Mar-10	3/31/2010
17-Apr-10		10-May-10	5/10/2010
3-May-10		4-May-10	5/4/2010
8-May-10		28-May-10	5/28/2010
12-May-10	5/12/2010	12-May-10	5/12/2010
25-May-10	5/25/2010	28-May-10	5/28/2010
27-May-10	5/28/2010	3-Jun-10	6/3/2010
10-Jun-10	6/10/2010	11-Jun-10	6/11/2010
15-Jun-10	6/15/2010	18-Jun-10	6/18/2010
15-Jun-10	6/15/2010	18-Jun-10	6/18/2010
21-Jun-10	6/21/2010	24-Jun-10	6/24/2010
10-Jul-10	7/10/2010	14-Jul-10	7/14/2010
10-Aug-10	8/10/2010	10-Aug-10	8/10/2010
21-Aug-10	8/21/2010	31-Aug-10	8/31/2010
28-Aug-10	8/28/2010	31-Aug-10	3/28/2011
4-Sep-10	9/4/2010	8-Sep-10	9/8/2010
18-Sep-10	9/18/2010	24-Sep-10	9/24/2010

Category 3	40	40
Category 3	4	0
Category 3	75	75
Category 3	25	25
Category 3	5	0
Category 3	10	10
Category 3	5	5
Category 3	1	0
Category 3	11	11
Category 3	40	15
Category 3	41	41
Category 3	10	10
Category 1	600	100
Category 3	2	2
Category 3	2	2
Category 3	20	20
Category 1	22500	18000
Category 2	1450	1450
Category 3	85	85
Category 3	325	0
Category 3	60	60
Category 3	5	5
Category 3	25	25
Category 3	917	917
Category 3	100	100
Category 3	300	300
Category 3	350	100
Category 3	300	0
Category 3	56	28
Category 3	1	1
Category 3	124	124
Category 3	100	100
Category 3	20	20
Category 3	10	0
Category 3	10	10
Category 1	526	0
Category 3	56	28
Category 3	30	30
Category 3	13	13
Category 3	61	61
Category 3	15	0
Category 3	10	0
Category 3	200	180
Category 3	3	3
Category 3	1	1
Category 3	755	755
Category 3	1	1
Category 3	10	10
Category 3	10	10
Category 3	15	0
Category 3	956	956
Category 3	2	2
Category 3	2	0
Category 3	15	0
Category 3	25	0

0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
500 Yes	No
0 No	No
0 No	No
0 No	No
4500 Yes	Yes
0 No	No
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
526 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No

[illegible]

Single Family Residence
City Main Line # 6F53
City of Riverside Corporation Yar
Single Family Residence
Single Family Residence
Single Family Residence
Single Family Residence
City Main Line
City Main Line
Single Family Residence
City Main
Single Family Residence
City Main Line / Manhole No. 4036
Single Family Residence
Dexter Lift Station
Single Family Residence
Manhole # 6N159
City Trunk Lin
City Main Line Manhole No. 4K5
City Manhole # '5L4
City Manhole # 4L145
Single Family Residence
Single Family Residence
City Maint Line
City Main Line
City Main Line
City Main Line
City Main Line
City Mainline
Single Family Residence
City Mainline
City Mainline
Single Family Residence
City Main Line
City Mainline
City Mainline
City Mainline
City Mainline
City Main Line (Manhole No. 6E209)
City Manhole # B4L140
City Manhole No. MWS-6010948
Single Family Residence
City Manhole No. MWS-1006152
City Manhole NO. MWS-5005526
Single Family Residence
City Mainline
City Easement Line
City Main Line
City Mainline
City main line
Single Family Residence
excavation ditch
Excavation Ditch
Single Family Residence
Heidi Rd Single family Residence

33.940856	-117.44209 Riverside
33.944876	-117.451086 Riverside
33.924432	-117.410214 Riverside
33.973826	-117.36306 Riverside
33.951758	-117.481654 Riverside
33.945651	-117.485088 Riverside
33.947048	-117.467685 Riverside
34.001251	-117.343535 Riverside
33.960865	-117.39794 Riverside
33.949683	-117.464944 Riverside
33.935522	-117.446273 Riverside
33.942776	-117.464542 Riverside
33.97637	-117.331099 Riverside
33.987906	-117.372411 Riverside
33.997392	-117.381754 Riverside
33.963382	-117.374374 Riverside
33.942868	-117.349357 Riverside
33.916471	-117.45864 Riverside
33.982485	-117.381231 Riverside
33.965028	-117.365965 Riverside
33.968691	-117.370529 Riverside
33.950526	-117.497851 Riverside
33.96002	-117.375807 Riverside
33.967085	-117.378942 Riverside
33.976666	-117.390331 Riverside
33.93092	-117.348436 Riverside
33.95964	-117.410954 Riverside
33.925082	-117.477641 Riverside
33.966792	-117.37041 Riverside
33.940079	-117.425595 Riverside
33.967174	-117.38387 Riverside
33.944877	-117.451079 Riverside
33.959663	-117.398591 Riverside
33.933333	-117.484981 Riverside
34.004465	-117.328616 Riverside
33.905915	-117.451024 Riverside
33.966792	-117.37041 Riverside
33.946336	-117.458195 Riverside
33.947042	-117.467685 Riverside
33.969531	-117.369938 Riverside
33.923102	-117.469345 Riverside
33.967978	-117.395554 Riverside
33.982412	-117.385108 Riverside
33.901687	-117.450438 Riverside
33.908669	-117.46335 Riverside
33.953555	-117.358348 Riverside
33.947327	-117.466331 Riverside
33.992078	-117.381013 Riverside
33.995722	-117.371384 Riverside
33.939002	-117.455552 Riverside
33.96758	-117.38513 Riverside
33.981111	-117.3825 Riverside
33.980833	-117.383333 Riverside
33.9625	-117.398056 Riverside
33.936317	-117.432237 Riverside

8 mainline few feet from manhole No. 2N34.

Manhole # 3K177

Benedict Canyon Storm Channel

Build-up of grease in 6 sewer line caused city manhole to overflow rate of <1 gpm.
City's portion of private lateral had a puncture in line.
City's portion of a private lateral.

Manhole #A8F25A & A8F24 located Lat 33 54 21.2857 Long 117 27 3.6666

Manhole #6E209 overflowed due to grease.

Excavation Ditch

Excavation Ditch

This spill was caused by a city mainline that had a blockage of asphalt; resulting in a 15 gallon spill from a residential clea

inout.

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Building or structure;Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer;Manhole
Gravity sewer
Manhole
Manhole
Manhole
Other sewer system structure
Force main or pressure sewer
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Gravity sewer
Manhole
Building or structure
Building or structure
Gravity sewer
Force main or pressure sewer
Building or structure
Other (specify)
Other (specify)
Other (specify)
Gravity sewer

An easement manhole in residence front yard.

A spill occurred during the construction of a main line replacement. A resident's lateral was blocked with dirt and debris, n

City manhole # '5L4

Manhole #B4K14
Manhole # B6F53

Manhole # 2037

Public Utilities Water Department was replacing a water line when they broke a sewer easement main
Sewer Easement Main
Residential Cleanout

Building or structure;Unpaved surface
Street/curb and gutter
Building or structure
Street/curb and gutter
Unpaved surface
Street/curb and gutter;Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Building or structure;Unpaved surface;Other (specify below)
Other (specify below)
Separate storm drain;Street/curb and gutter;Other (specify below)
Building or structure
Unpaved surface
Unpaved surface
Separate storm drain;Unpaved surface
Street/curb and gutter
Building or structure;Storm drain;Street/curb and gutter;Other (specify below)
Other paved surface;Storm drain;Street/curb and gutter;Unpaved surface
Other paved surface;Street/curb and gutter
Unpaved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter;Unpaved surface;Other (specify below)
Street/curb and gutter
Storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter
Street/curb and gutter
Other paved surface;Unpaved surface
Building or structure
Street/curb and gutter
Other (specify below)
Unpaved surface
Street/curb and gutter
Other paved surface
Other (specify below)
Other paved surface
Street/curb and gutter
Street/curb and gutter
Other paved surface;Storm drain;Street/curb and gutter
Street/curb and gutter;Unpaved surface
Building or structure;Other paved surface
Street/curb and gutter;Unpaved surface
Unpaved surface
Other paved surface
Other paved surface;Storm drain;Street/curb and gutter
Building or structure
Unpaved surface
Other (specify below)
Unpaved surface;Other (specify below)
Building or structure
Other (specify below)
Other (specify below)
Unpaved surface
Building or structure

Trench

Dirt trench

500 gallons lost to storm drain and discharged to a dirt storm channel. The sewage evaporated into soil and was unrecovered.

Sedgwick Av at the storm pipe crossing from the Victoria Golf Course

A City main line had a blockage due to grease deposition. As city crews cleared the main line, 4173 Eleventh St, 4075 Eleventh St, 200 gals lost to soil and 125 gals to evaporation.

The sewer overflow coming from a City manhole, entered into storm drain inlet #I-SD6001562 and was fully contained. 5

Catch basin @ 1-SD6002850

Entered Riverside County storm channel to Prado Dam

20 gallons of sewage was lost to soil saturation.

Excavation Ditch

Contained in excavation ditch

Excavation Ditch

Excavation Ditch

5/26/2009 7:21	5/26/2009 7:23	5/26/2009 7:45	5/26/2009 15:00
5/25/2009 22:13	5/25/2009 22:15	5/25/2009 22:30	5/25/2009 23:15
5/26/2009 13:00	5/26/2009 13:00	5/26/2009 13:20	5/26/2009 13:28
6/5/2009 17:41	6/5/2009 17:43	6/5/2009 18:05	6/5/2009 18:45
6/5/2009 11:18	6/5/2009 11:23	6/5/2009 12:00	6/5/2009 12:30
6/6/2009 11:10	6/6/2009 11:15	6/6/2009 12:00	6/6/2009 13:00
6/9/2009 20:40	6/9/2009 20:42	6/9/2009 21:15	6/9/2009 22:00
6/17/2009 12:47	6/17/2009 12:51	6/17/2009 13:25	6/17/2009 14:00
7/10/2009 11:18	7/10/2009 11:21	7/10/2009 11:35	7/10/2009 13:45
8/17/2009 12:53	8/17/2009 12:54	8/17/2009 13:15	8/17/2009 13:30
8/20/2009 10:25	8/20/2009 10:25	8/20/2009 10:25	8/20/2009 10:40
8/27/2009 9:03	8/27/2009 9:03	8/27/2009 9:07	8/27/2009 11:30
9/20/2009 11:45	9/20/2009 11:53	9/20/2009 12:10	9/20/2009 13:18
9/21/2009 7:40	9/21/2009 7:45	9/21/2009 7:40	9/21/2009 8:05
9/23/2009 8:00	9/23/2009 8:00	9/23/2009 8:12	9/23/2009 8:14
9/26/2009 9:40	9/26/2009 9:43	9/26/2009 10:13	9/26/2009 11:30
9/29/2009 17:17	9/29/2009 17:19	9/29/2009 17:38	9/29/2009 18:47
10/9/2009 9:35	10/9/2009 9:39	10/9/2009 10:05	10/10/2009 12:10
10/26/2009 15:40	10/26/2009 15:45	10/26/2009 15:55	10/26/2009 16:45
11/22/2009 16:50	11/22/2009 16:50	11/22/2009 17:15	11/22/2009 18:40
11/27/2009 16:30	11/27/2009 16:30	11/27/2009 17:00	11/27/2009 17:30
12/4/2009 12:51	12/4/2009 16:25	12/4/2009 17:01	12/4/2009 17:01
12/9/2009 16:00	12/9/2009 16:05	12/9/2009 16:25	12/9/2009 17:15
12/19/2009 13:00	12/19/2009 13:04	12/19/2009 13:25	12/19/2009 14:01
12/21/2009 14:04	12/21/2009 14:01	12/21/2009 14:16	12/21/2009 14:44
12/24/2009 15:30	12/24/2009 15:48	12/24/2009 16:10	12/24/2009 16:41
1/10/2010 13:00	1/10/2010 13:04	1/10/2010 13:53	1/10/2010 14:37
1/21/2010 12:30	1/21/2010 12:58	1/21/2010 13:35	1/21/2010 15:00
2/8/2010 21:40	2/8/2010 21:45	2/8/2010 22:10	2/8/2010 23:13
2/24/2010 7:40	2/24/2010 7:42	2/24/2010 8:05	2/24/2010 7:40
2/13/2010 14:30	2/13/2010 14:30	2/13/2010 14:51	2/13/2010 15:14
2/23/2010 10:52	2/23/2010 10:53	2/23/2010 11:08	2/23/2010 11:12
3/1/2010 0:00	3/1/2010 11:22	3/1/2010 11:41	3/1/2010 11:47
3/2/2010 17:10	3/2/2010 17:14	3/2/2010 17:45	3/2/2010 18:20
3/9/2010 10:00	3/9/2010 10:00	3/9/2010 10:10	3/9/2010 10:55
3/7/2010 9:58	3/7/2010 10:00	3/7/2010 10:25	3/7/2010 11:08
2/8/2010 21:40	2/8/2010 21:45	2/8/2010 22:10	2/8/2010 23:13
3/5/2010 21:30	3/5/2010 21:35	3/5/2010 21:55	3/5/2010 22:45
3/26/2010 16:30	3/26/2010 16:35	3/26/2010 17:00	3/26/2010 17:40
4/15/2010 10:00	4/15/2010 10:05	4/15/2010 10:10	4/15/2010 10:19
4/30/2010 5:50	4/30/2010 5:56	4/30/2010 6:40	4/30/2010 7:05
5/3/2010 19:13	5/3/2010 19:17	5/3/2010 19:40	5/3/2010 20:50
5/10/2010 8:40	5/10/2010 8:50	5/10/2010 9:10	5/10/2010 10:45
5/22/2010 9:18	5/22/2010 9:20	5/22/2010 10:00	5/22/2010 13:20
5/23/2010 10:50	5/23/2010 10:56	5/23/2010 11:30	5/23/2010 11:58
6/5/2010 8:20	6/5/2010 8:21	6/5/2010 8:53	6/5/2010 9:41
6/9/2010 23:15	6/9/2010 23:15	6/9/2010 23:40	6/10/2010 2:01
6/8/2010 7:30	6/8/2010 7:30	6/8/2010 8:10	6/8/2010 13:17
6/15/2010 10:50	6/15/2010 10:56	6/15/2010 11:26	6/15/2010 16:12
7/8/2010 7:45	7/8/2010 7:45	7/8/2010 8:05	7/8/2010 8:30
8/7/2010 23:30	8/7/2010 23:30	8/8/2010 0:03	8/8/2010 4:37
8/16/2010 8:50	8/16/2010 8:50	8/16/2010 9:21	8/16/2010 12:30
8/26/2010 11:50	8/26/2010 11:50	8/26/2010 12:17	8/26/2010 13:30
9/2/2010 13:07	9/2/2010 13:07	9/2/2010 13:19	9/2/2010 13:57
9/11/2010 22:30	9/11/2010 22:30	9/11/2010 22:55	9/12/2010 2:36

Pipe structural problem/failure
Grease deposition (FOG)
Debris-General
Other (specify below)
Pipe structural problem/failure
Debris-Rags
Grease deposition (FOG)
Pipe structural problem/failure
Pipe structural problem/failure
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Pipe structural problem/failure
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Pipe structural problem/failure
Other (specify below)
Debris-Rags
Grease deposition (FOG)
Root intrusion
Root intrusion
Rainfall exceeded design
Root intrusion
Operator error
Root intrusion
Grease deposition (FOG)
Other (specify below)
Debris-General
Debris-General
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Vandalism
Root intrusion
Root intrusion
Root intrusion
Debris-Rags
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Root intrusion

City contractor repairing lateral line caused a surcharge to a downstream manhole.

City Contractor may have caused crack in line.

City contractor installed sewer line neglected to remove plugs from wye or tee connection to main line.

Spill occurred during the construction of a main line replacement project.

City sewer line being cleaned a blow over occurred causing wastewater to overflow from resident's toilet.

Float lodged on rung and would not allow pumps to stop.

Sewer line to be placed on 6 month schedule.

Unknown, possible root intrusion

City crew hydro jetting mainline a blow over occurred and caused 12 ounces of wastewater to overflow toilet.

Construction crew bored through city lateral while installing utility pole

City contractor removing bypass system after installation of manhole replacement caused spill

Public Utilities Water Department was replacing water line when they broke a sewer easement main

Public Utilities Water Department was conducting an excavation and broke a 6" sewer easement main

Derbis - Asphalt

Main

Main

Main

Main

Main
Main

Lower Lateral

Main
Main

Main

Lower Lateral

Location of manhole on City easement was not entered into City maintenance application for services.

This sewer pipe segment has been placed on a 3 month high frequency monitoring schedule. City crews extensively clean

Remaining percolated into dirt at the golf course

City's contractor performed necessary repairs and cleanup of lateral line.

City Contractor made repairs.

City contractor took over responsibility of clean-up and restoring flow.

City Sewer crew provided necessary parts and assisted Water Department in making repairs to sewer easement main

9/21/2009 0:00

9/29/2009 12:30
10/10/2009 12:10

11/22/2009 0:00

12/19/2009 17:01

3/11/2010 16:00

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Plan rehabilitation or replacement of sewer;Repaired sewer

Other (specify below)

Adjusted schedule/method of preventive maintenance

Enforcement action against FOG source

The storm drain crew will televise 127' drain line from street to rear of property and repair drain if necessary.

No

Yes
Yes

No

No

No

No

Yes
No

No

No

No

NA

NA
NA

NA

N/A

NA

Drainage channel

None
NA

NA

N/A

RCFD channel may be to Prado Dam

N/A

No water quality samples taken

Biological indicator(s) - specify below
Not applicable to this spill

No water quality samples taken

Not applicable to this spill

Biological indicator(s) - specify below

Bacteria check for chloroform

Bacteria check for chloroform

Not applicable to this spill

None of the above
Not applicable to this spill

None of the above

None of the above

None of the above

96427	9/20/2009 14:30
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96622	9/29/2009 18:30
96943	10/14/2009 9:00

97962	11/27/2009 17:50
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98443	12/19/2009 14:00
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101620	3/7/2010 10:38
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103446	6/5/2010 9:57
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8SSO10560	Active	757158 Edward J. Filadelfia	Certified
8SSO10560	Active	757161 Edward Filadelfia	Certified
8SSO10560	Active	757770 Edward J. Filadelfia	Certified
8SSO10560	Active	758120 Edward J Filadelfia	Certified
8SSO10560	Active	758869 Edward J. Filadelfia	Certified
8SSO10560	Active	759494 Edward J. Filadelfia	Certified
8SSO10560	Active	759505 Edward Filadelfia	Certified
8SSO10560	Active	759509 Edward Filadelfia	Certified
8SSO10560	Active	759856 Edward J. Filadelfia	Certified
8SSO10560	Active	759964 Edward J. Filadelfia	Certified
8SSO10560	Active	760064 Edward J. Filadelfia	Certified
8SSO10560	Active	760464 Edward J. Filadelfia	Certified
8SSO10560	Active	762368 Edward J. Filadelfia	Certified
8SSO10560	Active	762372 Edward J. Filadelfia	Certified
8SSO10560	Active	763220 Edward J. Flladelfia	Certified
8SSO10560	Active	763542 Edward J. Filadelfia	Certified
8SSO10560	Active	764503 Edward J. Filadelfia	Certified
8SSO10560	Active	765306 Edward J. Filadelfia	Certified
8SSO10560	Active	765424 Edward J. Filadelfia	Certified
8SSO10560	Active	765427 Edward J. Filadelfia	Certified
8SSO10560	Active	765863 Edward J. Filadelfia	Certified
8SSO10560	Active	766147 Edward J. Filadelfia	Certified
8SSO10560	Active	766185 Edward J. Filadelfia	Certified
8SSO10560	Active	766613 Edward J. Filadelfia	Certified
8SSO10560	Active	767014 Edward J. Filadelfia	Certified
8SSO10560	Active	767111 Edward J. Filadelfia	Certified
8SSO10560	Active	768075 Edward J. Filadelfia	Certified
8SSO10560	Active	769200 Edward J. Filadelfia	Certified
8SSO10560	Active	769609 Edward J. Filadelfia	Certified
8SSO10560	Active	769636 Edward J. Filadelfia	Certified
8SSO10560	Active	770570 Edward J. Filadelfia	Certified
8SSO10560	Active	770626 Edward J. Filadelfia	Certified
8SSO10560	Active	770689 Edward J Filadelfia	Certified
8SSO10560	Active	771321 Edward J. Filadelfia	Certified
8SSO10560	Active	771628 Edward J. Filadelfia	Certified
8SSO10560	Active	772067 Edward J Filadelfia	Certified
8SSO10560	Active	772535 Edward J. Filadelfia	Certified
8SSO10560	Active	772694 Edward J. Filadelfia	Certified
8SSO10560	Active	772695 Edward J. Filadelfia	Certified
8SSO10560	Active	772787 Edward J. Filadelfia	Certified
8SSO10560	Active	774078 Edward J. Filadelfia	Certified
8SSO10560	Active	774135 Edward J. Filadelfia	Certified
8SSO10560	Active	775246 Edward J. Filadelfia	Certified
8SSO10560	Active	775961 Edward J. Filadelfia	Certified
8SSO10560	Active	776596 Edward J. Filadelfia	Certified
8SSO10560	Active	777091 Edward Filadelfia	Certified
8SSO10560	Active	777834 Edward J. Filadelfia	Certified
8SSO10560	Active	777835 Edward J. Filadelfia	Certified
8SSO10560	Active	778754 Edward J. Filadelfia	Certified
8SSO10560	Active	778823 Edward J. Filadelfia	Certified
8SSO10560	Active	779533 Edward J. Filadelfia	Certified
8SSO10560	Active	781663 Edward J. Filadelfia	Certified
8SSO10560	Active	781834 Edward J. Filadelfia	Certified
8SSO10560	Active	782118 Edward J. Filadelfia	Certified
8SSO10560	Active	783957 Edward J. Filadelfia	Certified

[illegible]

City of Riverside	559962
City of Riverside	288914
City of Riverside	313552
City of Riverside	282278
County of Riverside	473113
City of Riverside	411143
City of Riverside	420057
City of Riverside	249757
City of Riverside	645938
City of Riverside	330886
City of Riverside	810526
City of Riverside	709091
City of Riverside	123687
City of Riverside	524229
City of Riverside	885024
City of Riverside	128932
City of Riverside	559497
City of Riverside	131232
City of Riverside	781488
City of Riverside	945968
City of Riverside	218690
City of Riverside	754876
City of Riverside	103652
City of Riverside	448756
City of Riverside	864002
City of Riverside	799175
City of Riverside	531016
City of Riverside	603272
City of Riverside	924045
City of Riverside	974631
City of Riverside	666840
City of Riverside	204771
City of Riverside	204579
City of Riverside	663895
City of Riverside	281064
City of Riverside	411305
City of Riverside	843697
City of Riverside	955631
City of Riverside	457894
City of Riverside	744256
City of Riverside	779313
City of Riverside	247779
City of Riverside	517694
City of Riverside	280940
City of Riverside	192989
City of Riverside	792897
City of Riverside	969295
City of Riverside	397398
City of Riverside	654109
City of Riverside	806598
City of Riverside	169445
City of Riverside	143144
City of Riverside	610800
City of Riverside	290011
City of Riverside	571591

24-Sep-10	9/24/2010	24-Sep-10	9/24/2010
24-Sep-10	9/24/2010	24-Sep-10	9/24/2010
14-Oct-10	10/14/2010	22-Oct-10	10/22/2010
25-Oct-10	10/25/2010	1-Nov-10	2/26/2011
23-Nov-10	11/23/2010	24-Nov-10	11/24/2010
17-Dec-10	12/17/2010	3-Jan-11	1/3/2011
17-Dec-10	12/17/2010	20-Dec-10	12/20/2010
17-Dec-10	12/17/2010	23-Dec-10	12/23/2010
27-Dec-10	12/27/2010	3-Jan-11	1/3/2011
29-Dec-10	12/29/2010	3-Jan-11	1/3/2011
3-Jan-11	1/3/2011	3-Jan-11	1/3/2011
7-Jan-11	1/7/2011	19-Jan-11	1/19/2011
2-Feb-11	2/2/2011	11-Feb-11	2/11/2011
2-Feb-11	2/2/2011	11-Feb-11	2/11/2011
17-Feb-11	2/17/2011	23-Feb-11	2/23/2011
24-Feb-11	2/24/2011	7-Mar-11	3/7/2011
19-Mar-11	3/19/2011	28-Mar-11	3/28/2011
8-Apr-11	4/8/2011	11-Apr-11	4/11/2011
12-Apr-11	4/13/2011	26-Apr-11	4/26/2011
12-Apr-11	4/13/2011	26-Apr-11	4/26/2011
28-Apr-11	4/28/2011	3-May-11	5/3/2011
3-May-11	5/3/2011	3-May-11	5/3/2011
5-May-11	5/5/2011	5-May-11	5/5/2011
17-May-11	5/17/2011	19-May-11	5/19/2011
1-Jun-11	6/1/2011	1-Jun-11	6/1/2011
2-Jun-11	6/2/2011	2-Jun-11	6/2/2011
1-Jul-11	7/1/2011	1-Jul-11	7/1/2011
29-Jul-11	7/29/2011	29-Jul-11	7/29/2011
8-Aug-11	8/8/2011	10-Aug-11	8/10/2011
9-Aug-11	8/9/2011	10-Aug-11	8/10/2011
31-Aug-11	8/31/2011	20-Sep-11	9/20/2011
1-Sep-11	9/1/2011	20-Sep-11	9/20/2011
5-Sep-11	9/5/2011	5-Sep-11	9/5/2011
21-Sep-11	9/21/2011	30-Sep-11	9/30/2011
30-Sep-11	9/30/2011	3-Oct-11	10/3/2011
15-Oct-11	10/15/2011	26-Oct-11	10/26/2011
29-Oct-11	10/29/2011	29-Oct-11	10/29/2011
3-Nov-11	11/3/2011	18-Nov-11	11/18/2011
3-Nov-11	11/3/2011	18-Nov-11	11/18/2011
4-Nov-11	11/4/2011	18-Nov-11	11/18/2011
14-Dec-11	12/14/2011	15-Dec-11	12/15/2011
15-Dec-11	12/15/2011	15-Dec-11	12/15/2011
3-Jan-12	1/3/2012	5-Jan-12	1/5/2012
17-Jan-12	1/17/2012	19-Jan-12	1/19/2012
30-Jan-12	1/30/2012	3-Feb-12	2/3/2012
9-Feb-12	2/9/2012	18-Feb-12	2/18/2012
22-Feb-12	2/22/2012	5-Mar-12	3/5/2012
22-Feb-12	2/22/2012	5-Mar-12	3/5/2012
16-Mar-12	3/16/2012	23-Mar-12	3/23/2012
19-Mar-12	3/19/2012	20-Mar-12	3/20/2012
4-Apr-12	4/4/2012	13-Apr-12	4/13/2012
29-May-12	5/29/2012	1-Jun-12	6/1/2012
4-Jun-12	6/4/2012	20-Jun-12	6/20/2012
12-Jun-12	6/12/2012	20-Jun-12	6/20/2012
24-Jul-12	7/24/2012	27-Jul-12	9/4/2012

Category 2	1512	1497
Category 3	50	50
Category 3	75	75
Category 3	71	67
Category 3	10	10
Category 3	5	5
Category 3	238	238
Category 3	5	5
Category 3	5	5
Category 1	2225	0
Category 3	35	35
Category 3	5	0
Category 3	15	15
Category 3	429	425
Category 3	1	0
Category 3	40	40
Category 3	5	0
Category 3	15	0
Category 3	20	20
Category 3	150	147
Category 3	50	50
Category 3	82	82
Category 1	700	700
Category 3	325	325
Category 3	319	0
Category 3	1	0
Category 3	3	0
Category 3	100	0
Category 3	10	10
Category 3	1	0
Category 3	25	25
Category 3	322	322
Category 2	1800	0
Category 3	100	0
Category 3	10	0
Category 3	75	75
Category 2	26905	17820
Category 3	100	0
Category 3	100	100
Category 3	358	358
Category 3	828	0
Category 2	4600	4600
Category 3	1	1
Category 3	150	150
Category 3	3	3
Category 1	2774	0
Category 2	3700	3700
Category 3	200	160
Category 1	290	57
Category 3	679	679
Category 3	3	3
Category 3	10	10
Category 3	15	15
Category 1	864	55
Category 3	1	0

0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
2225 Yes	Yes
0 No	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
700 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
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0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
2774 Yes	Yes
0 No	No
0 No	No
233 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
809 Yes	Yes
0 No	No

Not Applicable - Spill did not reach a separate storm drainpipe

Single Family Residence
Manhole channel
Single Family Residence
City Manhole
City Main Line
Single Family Residence
City Main Line
Single Family Residence
City Main Line
City Manhole # COL-PWS-6013216
City Main Line
Sewer Main Line
City Manhole No. 3006577
City Manhole NO. 1000655
City Mainline
City Main Line
Single Family Residence
City Mainline - Manhole #1000937
Dexter Wastewater Lift Station
City Main Line
Single Family Residence
City Manhole No. Q-COL-MWS-1009596
City Manhole
The Press Enterprise
City Main Line
Single Family Residence
Single Family Residence
City mainline
Single Family Residence
City Main Line
Dexter Wastewater Lift Station
Single Family Residence
March Joint Power Authority Preserve
Single Family Residence
Single Family Residence
Single Family Residence
Easement/Mainline
Single Family Residence
Dexter Lift Station
City Manhole
City manhole
Parkview Hospital Founder's Building
City Main Line
Dexter Lift Station
Single Family Residence
City mainline
City mainline
City mainline
City main line
City Mainline
Single Family Residence
Single Family Residence
City Main Line
City Main Line
Single Family Residence

33.919139	-117.501941 Riverside
33.937188	-117.298514 Riverside
34.00533	-117.375902 Riverside
33.925556	-117.371389 Riverside
33.921432	-117.445924 Riverside
33.957653	-117.336654 Riverside
33.94156	-117.420259 Riverside
33.937915	-117.474203 Riverside
33.941105	-117.39686 Riverside
33.925087	-117.477649 Riverside
33.911036	-117.322918 Riverside
33.959147	-117.347418 Riverside
33.967285	-117.414078 Riverside
33.98252	-117.37725 Riverside
33.944355	-117.431278 Riverside
33.958651	-117.385279 Riverside
33.943949	-117.432369 Riverside
33.964315	-117.395248 Riverside
33.997385	-117.381753 Riverside
33.947692	-117.464172 Riverside
33.918685	-117.429571 Riverside
33.978631	-117.378302 Riverside
33.959448	-117.365232 Riverside
33.974754	-117.375899 Riverside
33.959221	-117.357487 Riverside
33.906487	-117.504646 Riverside
33.936871	-117.340772 Riverside
33.959374	-117.347974 Riverside
33.958881	-117.371507 Riverside
33.981222	-117.360933 Riverside
33.99734	-117.381774 Riverside
33.917225	-117.503041 Riverside
33.904015	-117.293097 Riverside
33.966989	-117.385366 Riverside
33.990925	-117.379585 Riverside
33.969853	-117.366263 Riverside
33.996667	-117.360278 Riverside
33.992078	-117.381013 Riverside
33.99734	-117.381774 Riverside
33.96807	-117.366782 Riverside
33.944594	-117.379149 Riverside
33.926859	-117.440696 Riverside
33.941556	-117.420257 Riverside
33.997385	-117.381753 Riverside
33.969466	-117.392208 Riverside
33.933387	-117.341897 Riverside
33.975474	-117.393117 Riverside
33.975474	-117.393117 Riverside
33.939001	-117.412306 Riverside
33.928556	-117.475039 Riverside
33.971866	-117.361945 Riverside
33.97099	-117.36734 Riverside
33.947839	-117.442738 Riverside
33.89381	-117.468324 Riverside
33.922409	-117.502523 Riverside

Commercial Lateral Cleanout

Manhole #6H5 & Cleanout @ 7895 Willow St (lat/long 33 56 30.1241 & 117 25 12.7940)

Residential cleanout

Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Manhole;Other (specify)
Gravity sewer
Manhole
Manhole
Manhole
Gravity sewer
Gravity sewer
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Building or structure
Manhole
Manhole
Building or structure
Building or structure;Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
Pump station
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Pump station
Manhole
Manhole
Force main or pressure sewer
Manhole
Manhole
Gravity sewer
Other (specify)
Gravity sewer
Gravity sewer
Force main or pressure sewer
Manhole
Gravity sewer
Building or structure;Gravity sewer
Manhole
Manhole
Gravity sewer

191 gals @ manhole & 47 gals @ 7895 Willow St cleanout

Sewer surcharged from manhole as a result of heavy rains

Storm Water discharge to wash

Building or structure;Other paved surface;Street/curb and gutter
Other paved surface
Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter;Unpaved surface;Other (specify below)
Other paved surface
Unpaved surface
Other paved surface;Street/curb and gutter;Unpaved surface
Building or structure
Street/curb and gutter
Separate storm drain;Street/curb and gutter;Surface water
Separate storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter;Other (specify below)
Other paved surface
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Building or structure
Separate storm drain;Street/curb and gutter
Other paved surface;Separate storm drain;Street/curb and gutter
Building or structure
Building or structure;Unpaved surface;Other (specify below)
Building or structure
Unpaved surface
Unpaved surface
Building or structure
Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter;Other (specify below)
Separate storm drain;Street/curb and gutter
Building or structure;Other paved surface
Other (specify below)
Unpaved surface
Street/curb and gutter
Other (specify below)
Unpaved surface
Unpaved surface
Building or structure;Combined storm drain (combined CS only);Other paved surface;Separate storm drain;Street/curb ar
Unpaved surface
Other paved surface
Other (specify below)
Unpaved surface
Combined storm drain (combined CS only);Street/curb and gutter
Unpaved surface

Arroyo

4 gallons of sewage lost to evaporation

Spill saturated into ravine soil.

Lost to evaporation/saturation

Catch Basin

Around the Manhole cover and a nearby planter.

Storm drain and wash

Dirt depression around cleanout

9/21/2010 7:47	9/21/2010 7:57	9/21/2010 8:15	9/21/2010 8:27
9/21/2010 15:12	9/21/2010 15:15	9/21/2010 15:35	9/21/2010 15:47
10/5/2010 7:43	10/5/2010 7:44	10/5/2010 8:15	10/5/2010 9:37
10/24/2010 10:49	10/24/2010 11:34	10/24/2010 11:16	10/24/2010 11:57
11/19/2010 20:10	11/19/2010 17:45	11/19/2010 18:10	11/19/2010 20:33
12/9/2010 9:12	12/9/2010 9:14	12/9/2010 9:40	12/9/2010 12:51
12/11/2010 13:53	12/11/2010 13:54	12/11/2010 14:15	12/11/2010 14:45
11/15/2010 7:33	11/15/2010 7:33	11/15/2010 7:56	11/15/2010 7:33
12/16/2010 16:25	12/16/2010 16:25	12/16/2010 16:55	12/16/2010 18:12
12/22/2010 10:31	12/22/2010 10:31	12/22/2010 10:31	12/22/2010 12:03
12/25/2010 12:20	12/25/2010 12:20	12/25/2010 12:57	12/25/2010 13:40
12/27/2010 11:00	12/27/2010 11:02	12/27/2010 11:30	12/27/2010 11:30
1/14/2011 13:00	1/14/2011 13:00	1/14/2011 13:20	1/14/2011 14:21
1/28/2011 8:09	1/28/2011 8:41	1/28/2011 8:41	1/28/2011 8:54
2/15/2011 20:54	2/15/2011 20:54	2/15/2011 21:20	2/15/2011 21:55
2/19/2011 17:08	2/19/2011 17:12	2/19/2011 17:55	2/19/2011 18:30
3/10/2011 16:10	3/10/2011 16:12	3/10/2011 16:50	3/10/2011 16:50
4/4/2011 20:48	4/4/2011 20:50	4/4/2011 21:21	4/5/2011 6:00
4/8/2011 12:38	4/8/2011 12:38	4/8/2011 12:38	4/8/2011 13:00
4/6/2011 21:07	4/6/2011 21:09	4/6/2011 21:31	4/6/2011 22:25
4/27/2011 8:35	4/27/2011 8:35	4/27/2011 8:35	4/27/2011 9:25
5/1/2011 11:20	5/1/2011 11:40	5/1/2011 11:45	5/1/2011 15:15
5/2/2011 8:08	5/2/2011 8:08	5/2/2011 8:38	5/2/2011 8:42
5/13/2011 10:12	5/13/2011 10:12	5/13/2011 10:20	5/13/2011 10:33
5/28/2011 10:40	5/28/2011 10:45	5/28/2011 11:01	5/28/2011 12:09
5/31/2011 9:42	5/31/2011 10:00	5/31/2011 10:17	5/31/2011 10:17
6/25/2011 6:10	6/25/2011 6:55	6/25/2011 8:23	6/25/2011 8:23
7/27/2011 7:55	7/27/2011 7:55	7/27/2011 8:30	7/27/2011 7:55
8/5/2011 12:41	8/5/2011 12:41	8/5/2011 13:14	8/5/2011 13:35
8/8/2011 12:23	8/8/2011 12:23	8/8/2011 12:42	8/8/2011 12:45
8/28/2011 21:50	8/28/2011 21:50	8/28/2011 21:50	8/28/2011 21:58
8/25/2011 22:49	8/25/2011 22:49	8/25/2011 23:32	8/26/2011 1:30
9/4/2011 13:06	9/4/2011 13:06	9/4/2011 13:40	9/4/2011 14:55
9/6/2011 13:18	9/6/2011 13:20	9/6/2011 13:55	9/6/2011 14:35
9/27/2011 13:24	9/27/2011 13:25	9/27/2011 13:57	9/27/2011 15:05
10/8/2011 20:25	10/8/2011 20:25	10/8/2011 21:00	10/8/2011 22:30
10/28/2011 9:51	10/28/2011 9:51	10/28/2011 10:12	10/28/2011 10:59
10/31/2011 17:23	10/31/2011 17:25	10/31/2011 17:55	10/31/2011 19:45
11/1/2011 17:35	11/1/2011 17:35	11/1/2011 18:00	11/1/2011 18:00
11/3/2011 8:57	11/3/2011 8:57	11/3/2011 9:21	11/3/2011 9:23
12/6/2011 7:20	12/6/2011 7:20	12/6/2011 7:48	12/6/2011 8:05
12/9/2011 7:12	12/9/2011 7:15	12/9/2011 7:50	12/9/2011 8:00
12/29/2011 11:55	12/29/2011 11:39	12/29/2011 11:55	12/29/2011 12:11
1/17/2012 7:32	1/17/2012 7:32	1/17/2012 7:55	1/17/2012 9:39
1/7/2012 0:00	1/7/2012 16:45	1/7/2012 17:16	1/7/2012 18:47
2/6/2012 13:20	2/6/2012 13:30	2/6/2012 13:15	2/6/2012 15:50
2/17/2012 10:32	2/17/2012 10:45	2/17/2012 11:10	2/17/2012 13:12
2/18/2012 10:30	2/18/2012 10:30	2/18/2012 10:30	2/18/2012 11:30
3/11/2012 13:50	3/11/2012 13:53	3/11/2012 14:30	3/11/2012 15:11
3/14/2012 17:10	3/14/2012 16:40	3/14/2012 17:10	3/14/2012 18:44
3/8/2012 13:33	3/8/2012 13:38	3/8/2012 14:30	3/8/2012 0:00
5/26/2012 0:00	5/26/2012 18:40	5/26/2012 19:00	5/26/2012 20:35
5/7/2012 17:14	5/7/2012 16:43	5/7/2012 17:14	5/7/2012 18:00
6/10/2012 18:53	6/10/2012 18:53	6/10/2012 19:38	6/10/2012 20:07
7/23/2012 0:00	7/23/2012 16:35	7/23/2012 17:09	7/23/2012 21:29

Root intrusion
Other (specify below)
Debri-Rags
Root intrusion
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Operator error
Grease deposition (FOG)
Flow exceeded capacity (Seperate CS Only)
Grease deposition (FOG)
Other (specify below)
Debri-General
Pipe structural problem/failure
Root intrusion
Grease deposition (FOG)
Root intrusion
Other (specify below)
Flow exceeded capacity (Separate CS Only)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Root intrusion
Vandalism
Operator error
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Pump station failure
Root intrusion
Root intrusion
Grease deposition (FOG)
Vandalism
Flow exceeded capacity (Separate CS Only)
Root intrusion
Pipe structural problem/failure
Operator error
Other (specify below)
Debri-Rags
Debri-Rags
Pipe structural problem/failure
Grease deposition (FOG)
Root intrusion
Debri-Rags
Root intrusion

Manhole channel not constructed properly

Due to heavy rain inflow.

Contractor installing a storm water pipe replacement broke an 8" sewer main line.

Collapsed mainline caused by tree roots.

City crew performing line maintenance cleaning caused blow over.
Previous repair of water main on top of sewer pipe appeared to have been cut.
Contractor excavating hit 18" sewer line.

While adjusting the float, both pumps came on simultaneously resulting in a surcharge from the manhole.

Broken 8" mainline caused flow to enter storm drain system and into wash.
Contractor excavated mainline causing spill.
Temporary repair made by contractor failed

Main
Main
Lower Lateral
Main
Main
Lower Lateral
Main
Main
Main
Main
Main
Main
Main
Main
Main
Other (specify below)
Main
Main
Main
Upper Lateral
Main
Main
Main
Main
Lower Lateral
Lower Lateral
Main
Lower Lateral
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Lower Lateral
Lower Lateral
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Main
Main
Lower Lateral
Main
Main
Main
Main
Lower Lateral

City tree roots caused spill on residence property

ED 006495 00001076-24344

Crew performing routine line cleaning caused pressure to build up and blow over into residence property. Will apply diffe

Unable to set containment due to heavy rain and weather.

5 gal spill had already absorbed into the ground

City contractor cleared/cleaned spill.

Collapsed mainline caused by tree roots, city crew replaced damaged pipe and restored flow.

Low pressure sewer cleaning techniques will be applied.

Contractor repaired 18 sewer line.

Stationed vacor truck upstream from break. Contractor placed bypass pump upstream during repairs. Contractor repair

City contractor made necessary repairs

9/21/2010 11:10

10/24/2010 11:57

12/22/2010 12:35

5/2/2011 13:50

9/4/2011 16:13

10/29/2011 14:45

12/9/2011 11:11

2/7/2012 14:00
2/17/2012 13:12

3/11/2012 16:30

6/10/2012 22:30

Repaired sewer

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Repaired sewer

Repaired sewer

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Forward to PW Engineering to complete spot repair

City crews opened the main line and restored flow

Unusual heavy rain inflow surcharged system. Once heavy rain subsided surcharging of sewer system also stopped.

Contractor repaired 8 sewer line and replaced broken pipe segment.

Yes

No

No

No

Yes

No

No

Yes

No

No

No

N/A

Commingled with stormwater.

No

No

No

No

Yes

Yes

No

Yes
No

No

No

N/A
N/A
N/A

N/A
N/A
N/A

Santa Ana River

N/A

N/A
N/A
N/A
N/A
N/A

None
N/A
N/A
2.9 Miles from SAR
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
n/a
N/A
N/A
N/A

N/A

N/A
Wash
N/A
N/A
Santa Ana River

N/A
N/A
N/A
Prado Dam

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

Biological indicator(s) - specify below

Not applicable to this spill

Not applicable to this spill

Other chemical indicator(s) - specify below

E. coli & Fecal

Ammonia and Chemical Oxygen Demand

None of the above

Not applicable to this spill

Not applicable to this spill

None of the above

No water quality samples taken

None of the above

None of the above

Regional Water Quality Control Board
Not applicable to this spill

None of the above

Regional Water Quality Control Board

NH3-N=0.20 ppm COD=160 ppm

105667 9/21/2010 8:38

106396 10/24/2010 12:28

107783 12/22/2010 15:30

110548 1/28/2011 10:10

112704 5/1/2011 13:17
112716 5/2/2011 9:13

115257 9/4/2011 14:06

116439 10/28/2011 11:10

1200726 2/6/2012 13:38
120942 2/17/2012 13:15

121502 3/14/2012 17:30

123387 6/10/2012 22:30

8SSO10560	Active	785140 Edward J. Filadelfia	Certified
8SSO10560	Active	785393 Edward J. Filadelfia	Certified
8SSO10560	Active	787945 Edward J. Filadelfia	Certified
8SSO10560	Active	789582 Edward J. Filadelfia	Certified
8SSO10560	Active	789772 Edward J. Filadelfia	Certified
8SSO10560	Active	790703 Edward J. Filadelfia	Certified
8SSO10560	Active	790731 Edward J. Filadelfia	Certified
8SSO10560	Active	790955 Edward J. Filadelfia	Certified
8SSO10560	Active	792751 Edward J. Filadelfia	Certified
8SSO10560	Active	792965 Edward J. Filadelfia	Certified
8SSO10560	Active	797306 Edward J. Filadelfia	Certified
8SSO10560	Active	798908 Edward J. Filadelfia	Certified
8SSO10560	Active	799850 Edward J. Filadelfia	Certified
8SSO10560	Active	800893 Edward J. Filadelfia	Certified
8SSO10561	Active	657194 Randy Kuettle	Certified
8SSO10561	Active	657745 Randy Kuettle	Certified
8SSO10561	Active	657758 Randy Kuettle	Certified
8SSO10561	Active	657909 Randy Kuettle	Certified
8SSO10561	Active	657911 Randy Kuettle	Certified
8SSO10561	Active	657952 Randy Kuettle	Certified
8SSO10561	Active	657959 Randy Kuettle	Certified
8SSO10561	Active	657964 Randy Kuettle	Certified
8SSO10561	Active	657965 Randy kuettle	Certified
8SSO10561	Active	657970 Randy Kuettle	Certified
8SSO10561	Active	657972 Randy Kuettle	Certified
8SSO10561	Active	657975 Randy Kuettle	Certified
8SSO10561	Active	704407 Randy Kuettle	Certified
8SSO10561	Active	707557 Randy Kuettle	Certified
8SSO10561	Active	707698 Randy Kuettle	Certified
8SSO10561	Active	708137 Randy Kuettle	Certified
8SSO10561	Active	708779 Randy Kuettle	Certified
8SSO10561	Active	709155 Randy Kuettle	Certified
8SSO10561	Active	709622 Randy Kuettle	Certified
8SSO10561	Active	710264 Randy Kuettle	Certified
8SSO10561	Active	710265 Randy Kuettle	Certified
8SSO10561	Active	710361 Randy Kuettle	Certified
8SSO10561	Active	710536 Randy Kuettle	Certified
8SSO10561	Active	710696 Randy Kuettle	Certified
8SSO10561	Active	711261 Randy Kuettle	Certified
8SSO10561	Active	711897 Randy Kuettle	Certified
8SSO10561	Active	712239 Randy Kuettle	Certified
8SSO10561	Active	712699 Randy Kuettle	Certified
8SSO10561	Active	714341 Randy Kuettle	Certified
8SSO10561	Active	714920 Randy Kuettle	Certified
8SSO10561	Active	715188 Randy Kuettle	Certified
8SSO10561	Active	715252 Randy Kuettle	Certified
8SSO10561	Active	715310 Randy Kuettle	Certified
8SSO10561	Active	715513 Randy Kuettle	Certified
8SSO10561	Active	716227 Randy Kuettle	Certified
8SSO10561	Active	716919 Randy Kuettle	Certified
8SSO10561	Active	717306 Randy Kuettle	Certified
8SSO10561	Active	717930 Randy Kuettle	Certified
8SSO10561	Active	718799 Randy Kuettle	Certified
8SSO10561	Active	721526 Randy Kuettle	Certified
8SSO10561	Active	721529 Randy Kuettle	Certified

Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs & Compliance Manager
Regulatory Affairs & Compliance Manager
Regulatory Affairs & Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs & Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager
Regulatory Affairs and Compliance Manager

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director/Maintenance services

Deputy Director

DEputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Dupty Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

Deputy Director

City of Riverside	174598
City of Riverside	236755
City of Riverside	510596
City of Riverside	692092
City of Riverside	985988
City of Riverside	370002
City of Riverside	358633
City of Riverside	523760
City of Riverside	510264
City of Riverside	865497
City of Riverside	646478
City of Riverside	663633
City of Riverside	305129
City of Riverside	336210
San Bernardino	354189
San Bernardino	174158
San Bernardino	969364
San Bernardino	569869
San Bernardino	449820
San Bernardino	321297
San Bernardino	272670
San Bernardino	945576
San Bernardino	565628
San Bernardino	874392
San Bernardino	299984
San Bernardino	545968
San Bernardino	705784
San Bernardino	209962
San Bernardino	401590
San Bernardino	258535
San Bernardino	301231
San Bernardino	600733
San Bernardino	356737
San Bernardino	844464
San Bernardino	902890
San Bernardino	789394
San Bernardino	368908
San Bernardino	369115
San Bernardino	566136
San Bernardino	191784
San Bernardino	793793
San Bernardino	168823
San Bernardino	916979
San Bernardino	455566
San Bernardino	852130
San Bernardino	191501
San Bernardino	435534
San Bernardino	914900
San Bernardino	162792
San Bernardino	922866
San Bernardino Ca.	153522
San Bernardino	645513
San Bernardino	909779
San Bernardino	627625
San Bernardino	942800

14-Aug-12	8/14/2012	17-Aug-12	8/17/2012
22-Aug-12	8/22/2012	24-Aug-12	8/24/2012
8-Nov-12	11/8/2012	19-Nov-12	11/19/2012
2-Jan-13	1/2/2013	4-Jan-13	1/4/2013
7-Jan-13	1/7/2013	27-Jan-13	1/27/2013
23-Jan-13	1/23/2013	27-Jan-13	1/27/2013
24-Jan-13	1/24/2013	27-Jan-13	1/27/2013
29-Jan-13	1/30/2013	8-Feb-13	2/8/2013
19-Mar-13	3/19/2013	23-Mar-13	3/23/2013
27-Mar-13	3/27/2013	29-Mar-13	3/29/2013
26-Jul-13	7/26/2013	8-Aug-13	8/8/2013
19-Sep-13	9/19/2013	25-Sep-13	9/25/2013
16-Oct-13	10/16/2013	25-Oct-13	10/25/2013
20-Nov-13	11/20/2013	21-Nov-13	11/21/2013
11-Sep-07		13-Dec-10	12/13/2010
19-Sep-07		23-Apr-08	12/13/2010
19-Sep-07		23-Apr-08	4/23/2008
24-Sep-07		23-Apr-08	12/13/2010
24-Sep-07		23-Apr-08	4/23/2008
24-Sep-07		23-Apr-08	12/13/2010
24-Sep-07		23-Apr-08	12/13/2010
24-Sep-07		23-Apr-08	4/23/2008
24-Sep-07		23-Apr-08	4/23/2008
25-Sep-07		23-Apr-08	12/13/2010
25-Sep-07		23-Apr-08	12/13/2010
25-Sep-07		23-Apr-08	4/23/2008
1-Oct-07		13-Nov-07	12/13/2010
13-Nov-07		13-Nov-07	11/13/2007
14-Nov-07		23-Apr-08	4/23/2008
26-Nov-07		23-Apr-08	12/13/2010
6-Dec-07		23-Apr-08	4/23/2008
12-Dec-07		13-Dec-10	12/13/2010
17-Dec-07		23-Apr-08	12/13/2010
24-Dec-07		23-Apr-08	4/23/2008
25-Dec-07		23-Apr-08	4/23/2008
26-Dec-07		23-Apr-08	12/13/2010
29-Dec-07		23-Apr-08	4/23/2008
3-Jan-08		23-Apr-08	4/23/2008
15-Jan-08		23-Apr-08	12/13/2010
27-Jan-08		23-Apr-08	12/13/2010
2-Feb-08		23-Apr-08	4/23/2008
11-Feb-08		23-Apr-08	12/13/2010
1-Mar-08		31-Mar-08	12/13/2010
17-Mar-08		31-Mar-08	3/31/2008
23-Mar-08		31-Mar-08	12/13/2010
25-Mar-08		31-Mar-08	12/13/2010
25-Mar-08		31-Mar-08	3/31/2008
27-Mar-08		31-Mar-08	12/13/2010
17-Apr-08		23-Apr-08	4/23/2008
2-May-08		5-May-08	5/5/2008
13-May-08		14-May-08	5/14/2008
23-May-08		27-May-08	5/27/2008
3-Jun-08		4-Jun-08	12/13/2010
6-Jul-08		7-Jul-08	7/7/2008
6-Jul-08		7-Jul-08	12/13/2010

Category 3		455	455
Category 3		401	401
Category 3		20	0
Category 3		17	17
Category 3		2	2
Category 2		1212	1212
Category 3		10	0
Category 2		1234	1234
Category 3		7	7
Category 1		56	50
Category 1		138000	136620
Category 3	227	227	0
Category 1	0	7200	3600
Category 3	591	591	591
Category 1		400	75
Category 1		400	240
Category 2		1500	1500
Category 1		500	100
Category 3		65	65
Category 1		192	19
Category 1		4800	0
Category 3		300	240
Category 3		800	560
Category 1		200	0
Category 1		2000	1600
Category 2		2000	1700
Category 1		500	0
Category 3		35	30
Category 3		600	600
Category 1		300	150
Category 3		150	150
Category 1		1225	875
Category 1		200	100
Category 3		100	100
Category 3		50	50
Category 1		975	450
Category 3		50	50
Category 3		500	500
Category 1		6500	3000
Category 1		1000	400
Category 3		25	25
Category 1		15	8
Category 1		360	180
Category 3		60	60
Category 1		50	0
Category 1		150	0
Category 3		100	25
Category 1		100	0
Category 3		650	600
Category 3		40	40
Category 3		250	250
Category 3		500	500
Category 1		300	240
Category 3		200	200
Category 1		180	0

0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
6 Yes	Yes
1380 Yes	Yes
0 No	No
7200 Yes	No
0 No	No
325 Yes	Yes
160 Yes	No
0 No	No
400 Yes	Yes
0 No	No
173 Yes	Yes
4800 Yes	Yes
0 No	No
0 No	No
200 Yes	No
400 Yes	Yes
0 No	No
500 Yes	Yes
No	No
0 No	No
150 Yes	Yes
0 No	No
350 Yes	Yes
100 Yes	No
0 No	No
0 No	No
525 Yes	Yes
0 No	No
0 No	No
3500 Yes	Yes
600 Yes	Yes
0 No	No
7 Yes	Yes
180 No	Yes
0 No	No
50 No	Yes
150 Yes	Yes
0 No	No
100 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
60 Yes	Yes
0 No	No
180 Yes	Yes

Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
No
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe

City Main Line
City Manhole No. COL-MWS-2015601
Single Family Residence
City Manhole
City Main Line
Apartment Complex
Single Family Residence
California Tower
City Mainline
Vactor truck - E386
City Main Line/Force Main
City Main Line
drainage tunnel at Ivy St. / Pachappa Railroad, Riverside, CA
Mulberry & Kane (Caltrans work site)
17th / H
40th and Mt. View
11th and Wilson
Monterey and Waterman ave.
2798 Stoddard street
5568 Surrey Ln.
30th and E street
495 east 3rd street
3041 North Sierraway
On Pepper S/O Rialto Street N/O rialroad track
Meridian and Randall
W\O Lena rd. S\O Rialto av.
Meridian Lift Station #10
Cajon blvd. btwn Medical ctr. and Western
2852 N. Sierra Way
16th and Medical center
6th street and L street
1390 W. 4th street
316 N. Mountain View
Virginia street and Blackstone ave.
1267 N. Blackstone street
630 E. Rialto ave.
223 E. 21st
2988 N. Lincoln dr.
Meridian Lift station #10
4575 N. Mayfield
255 E. Highland Ave.
Mill street w/o Waterman Ave.
5528 Valles Dr.
27th and Littel Maountain
55th and Berkley street
1127 W. Huff street
9th and Valencia ave.
N. Waterman ave btwn 4th and 5th street
Allen s/o 4th street San Bernardino Ca
736 Inland Ctr. Dr.
Waterman av. at Orange st.
Fairway and Auto Plaza
191 W. 2nd street
30th and Miramonte Dr.
1046 Scenic Dr.

33.977678	-117.38044 Riverside
33.96807	-117.366782 Riverside
33.956765	-117.398732 Riverside
33.936233	-117.423923 Riverside
33.957988	-117.401753 Riverside
33.983518	-117.370066 Riverside
33.991742	-117.36569 Riverside
33.982646	-117.374784 Riverside
33.976348	-117.390638 Riverside
33.981486	-117.376388 Riverside
33.90851	-117.46683 Riverside
33.95777	-117.40503 Riverside
33.958731	-117.376308 Riverside
33.972931	-117.374496 Riverside
34.125044	-117.305067 San Bernardino
34.165291	-117.288369 San Bernardino
34.119602	-117.324458 San Bernardino
34.107414	-117.278763 San Bernardino
34.142381	-117.292974 San Bernardino
34.180248	-117.344021 San Bernardino
34.146086	-117.294118 San Bernardino
34.104577	-117.281495 San Bernardino
34.146689	-117.285082 San Bernardino
34.097375	-117.353059 San Bernardino
34.085033	-117.348552 San Bernardino
34.099429	-117.274009 San Bernardino
34.085016	-117.34862 San Bernardino
34.140826	-117.3197 San Bernardino
34.143288	-117.285132 San Bernardino
34.128694	-117.322578 San Bernardino
34.110282	-117.309015 San Bernardino
34.10659	-117.314953 San Bernardino
34.105483	-117.287405 San Bernardino
34.124538	-117.317702 San Bernardino
34.123635	-117.317691 San Bernardino
34.101509	-117.27411 San Bernardino
34.134059	-117.28155 San Bernardino
34.146525	-117.304928 San Bernardino
34.085055	-117.348596 San Bernardino
34.169905	-117.290453 San Bernardino
34.135794	-117.280594 San Bernardino
34.092187	-117.279867 San Bernardino
34.18202	-117.333146 San Bernardino
34.14095	-117.314998 San Bernardino
34.179152	-117.298113 San Bernardino
34.091102	-117.308158 San Bernardino
34.115775	-117.27174 San Bernardino
34.107396	-117.278719 San Bernardino
34.106243	-117.281945 San Bernardino
34.08782	-117.298594 San Bernardino
34.119921	-117.278484 San Bernardino
34.068733	-117.30047 San Bernardino
34.100891	-117.285549 San Bernardino
34.146086	-117.31359 San Bernardino
34.08151	-117.300961 San Bernardino

[illegible]

Sewage water was surging through the asphalt in the alleyway.

Contractor installing new conduit at the above noted location accidentally bored through the City Main Line causing a spill in
Natural landscape of residential back yard

Caltrans worksite at Mulberry & Kane.
out sewer manhole in middle of street
pave street with curb and gutters
Empty field

manhole @ intersection of Randall and Meridian
along unpaved road
spill discharge from owners lateral to curb and gutter.
intersection of 16th and Medical center
out of manhole @ intersection of 6th / L st.

city main stoppage, spill from owner's lateral onto curb and gutter in cul-de-sac.
out of manhole in intersection
from manhole in street, to curb and gutter to drain

from manhole in street.

From manhole in street to curb and gutter to field.
from manhole in roadway
Street curb and gutter

Paved street with gutters

nto the street/curb/gutter/median

1
1
1

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Building or structure
Force main or pressure sewer
Other (specify)
Manhole
Other (specify)
Force main or pressure sewer
Manhole
Gravity Mainline
Gravity Mainline
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Pump station
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Other (specify)
Gravity sewer
Manhole
Other (specify)
Manhole
Manhole

Sewage water was surging through the asphalt in the alleyway.

Collection System vector truck E-386

homeowners lateral.

property owners clean-out
owner's lateral

property owners lateral.

in parkway

from apt.complex clean-out

Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Building or structure
Unpaved surface
Other paved surface;Separate storm drain;Street/curb and gutter
Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter;Surface water
Separate storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Drainage Channel
Unpaved surface
Separate storm drain
Street/curb and gutter
Unpaved surface;Other (specify below)
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Separate storm drain;Street/curb and gutter
Storm drain;Unpaved surface
Separate storm drain;Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter;Surface water
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter;Surface water
Street/curb and gutter;Unpaved surface;Other (specify below)
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter;Unpaved surface

Contained in Caltrans dirt ditch and contained by earthen mound.

empty field

drainage channel

dirt field

drainage channel

Field.

8/13/2012 16:06	8/13/2012 16:06	8/13/2012 16:49	8/13/2012 17:54
8/20/2012 8:14	8/20/2012 8:14	8/20/2012 8:35	8/20/2012 8:40
11/7/2012 16:00	11/7/2012 16:00	11/7/2012 16:40	11/7/2012 20:30
12/25/2012 20:18	12/25/2012 20:20	12/25/2012 21:00	12/25/2012 21:40
1/2/2013 11:23	1/2/2013 11:00	1/2/2013 11:23	1/2/2013 12:24
1/21/2013 10:45	1/21/2013 10:50	1/21/2013 10:50	1/21/2013 12:52
12/27/2012 12:40	12/27/2012 12:50	12/27/2012 13:10	12/27/2012 15:00
1/28/2012 0:00	1/28/2012 17:01	1/28/2012 17:01	1/28/2012 23:45
3/16/2013 10:55	3/16/2013 10:14	3/16/2013 10:55	3/16/2013 12:16
3/26/2013 11:22	3/26/2013 11:22	3/26/2013 11:22	3/26/2013 12:35
7/25/2013 14:40	7/25/2013 14:40	7/25/2013 15:12	7/25/2013 22:38
9/9/2013 18:08	9/9/2013 18:08	9/9/2013 18:45	9/9/2013 21:30
10/8/2013 9:00	10/11/2013 10:00	10/11/2013 10:00	10/11/2013 13:15
10/25/2013 9:52	10/25/2013 9:52	10/25/2013 10:24	10/25/2013 15:30
9/6/2007 10:00	9/6/2007 10:00	9/6/2007 20:10	9/6/2007 20:30
8/9/2007 0:00	8/9/2007 8:45	8/9/2007 8:55	8/9/2007 9:10
8/7/2007 0:00	8/7/2007 14:00	8/7/2007 14:10	8/7/2007 14:25
8/15/2007 0:00	8/15/2007 19:00	8/15/2007 19:20	8/15/2007 20:00
7/22/2007 0:00	7/22/2007 10:45	7/22/2007 10:55	7/22/2007 11:20
5/24/2007 0:00	5/24/2007 21:26	5/24/2007 21:41	5/24/2007 22:30
5/13/2007 0:00	5/13/2007 12:00	5/13/2007 12:35	5/13/2007 12:40
4/12/2007 0:00	4/12/2007 12:00	4/12/2007 12:15	4/12/2007 12:20
3/21/2007 0:00	3/21/2007 16:15	3/21/2007 16:25	3/21/2007 16:45
3/27/2007 0:00	3/27/2007 15:20	3/27/2007 15:35	3/27/2007 15:40
3/17/2007 0:00	3/17/2007 7:00	3/17/2007 7:15	3/17/2007 10:00
1/10/2007 0:00	1/10/2007 12:10	1/10/2007 12:20	1/10/2007 12:45
9/27/2007 0:00	9/27/2007 18:30	9/27/2007 18:45	9/27/2007 18:45
11/12/2007 0:00	11/12/2007 13:19	11/12/2007 13:30	11/12/2007 13:30
11/14/2007 0:00	11/14/2007 11:00	11/14/2007 11:15	11/14/2007 11:25
11/22/2007 0:00	11/22/2007 9:45	11/22/2007 10:00	11/22/2007 12:00
12/5/2007 0:00	12/5/2007 9:35	12/5/2007 9:50	12/5/2007 10:10
12/12/2007 9:35	12/12/2007 9:35	12/12/2007 9:20	12/12/2007 9:25
12/17/2007 0:00	12/17/2007 8:10	12/17/2007 8:20	12/17/2007 8:25
12/24/2007 0:00	12/24/2007 15:05	12/24/2007 15:15	12/24/2007 16:08
12/25/2007 0:00	12/25/2007 11:55	12/25/2007 12:05	12/25/2007 12:15
12/26/2007 0:00	12/26/2007 9:40	12/26/2007 9:45	12/26/2007 10:05
12/29/2007 0:00	12/29/2007 12:00	12/29/2007 12:15	12/29/2007 12:20
1/3/2008 12:25	1/3/2008 12:25	1/3/2008 13:20	1/3/2008 14:30
1/14/2008 0:00	1/14/2008 16:10	1/14/2008 16:30	1/14/2008 17:20
1/27/2008 0:00	1/27/2008 10:00	1/27/2008 10:20	1/27/2008 10:45
2/2/2008 0:00	2/2/2008 12:45	2/2/2008 12:50	2/2/2008 13:10
2/11/2008 10:00	2/11/2008 10:01	2/11/2008 10:10	2/11/2008 10:30
2/29/2008 21:30	2/29/2008 21:30	2/29/2008 21:45	2/29/2008 22:30
3/14/2008 0:00	3/14/2008 7:00	3/14/2008 7:15	3/14/2008 9:15
3/23/2008 0:00	3/23/2008 11:45	3/23/2008 12:25	3/23/2008 13:45
3/25/2008 0:00	3/25/2008 7:25	3/25/2008 7:25	3/25/2008 7:40
3/25/2008 0:00	3/25/2008 19:02	3/25/2008 19:33	3/25/2008 8:15
3/27/2008 0:00	3/27/2008 13:50	3/27/2008 14:10	3/27/2008 14:28
4/16/2008 16:40	4/16/2008 16:35	4/16/2008 16:45	4/16/2008 18:30
5/2/2008 0:00	5/2/2008 15:00	5/2/2008 15:15	5/2/2008 21:00
5/12/2008 16:15	5/12/2008 16:15	5/12/2008 16:25	5/12/2008 16:50
5/23/2008 9:50	5/23/2008 9:50	5/23/2008 10:05	5/23/2008 10:20
6/3/2008 14:30	6/3/2008 14:30	6/3/2008 14:45	6/3/2008 15:30
7/6/2008 11:53	7/6/2008 11:53	7/6/2008 12:10	7/6/2008 12:47
7/6/2008 19:50	7/6/2008 19:50	7/6/2008 20:20	7/6/2008 21:56

Root intrusion
Root intrusion
Debri-General
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Grease deposition (FOG)
Operator error
Other (specify below)
Grease Deposition (FOG)
Pipe Structural Problem/Failure
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Vandalism
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Pump station failure
Vandalism
Pump station failure
Other (specify below)
Root intrusion
Vandalism
Pipe structural problem/failure
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Pump station failure
Root intrusion
Grease deposition (FOG)
Vandalism
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Pipe structural problem/failure
Grease deposition (FOG)
Pump station failure
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)

Also suspect vandalism.

From a wall cleanout inside a washroom of the California Tower building, video footage showed the lateral to the building

Contractor installing a new conduit at the location accidentally bored through the city's mainline/force main

Concrete encased 24" sewer line through Pachappa R/R drainage tunnel cracked due to vibration by passing trains. 10/1
The spill was caused by Caltrans' contractor (SEMA) driving a pylon into the ground and severing the 8-inch sewer line.

large amounts roots

pumps loss prime
rocks, wood logs and heavy debris.

unknown, possible grease.

plastic bottles, sticks, rags.

Vandalism, plastic bag, cups, snack wrappers, commercial grade paper towels.

restore power to pump station #10, electrician will be evaluating cause of power failure. Electrician also will be replacing ci

Rags
unknown

Grease and Vandalized with sticks in manhole.

Heavy amounts of grease and large amounts of styrofoam cups in main.
power surge cause breakers to trip.

unknown

Main
Main
Main
Main
Main
Main
Lower Lateral
Main
Main
Other (specify below)
Main
Gravity Mainline
Gravity Mainline
Gravity Mainline
Main
Main

Main

Main
Main

Main
Other (specify below)

Other (specify below)

Main

Main
Main

Main

Other (specify below)
Main

Main
Main

Main
Main

Main

Lower Lateral
Main
Main

Servicing mainline found unit's debis tank gate not secured.

Lift Station

Lift Station

Lift Station.

No
No
No

24
8
8 clay
8 clay

8 clay

8 clay

8 clay
8 vcp
8

8
8

Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer	
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer	
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer	
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer	
Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer	
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer	
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;Restored flow;Returned all or portion of spill to sanitary sewer	
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer	
Cleaned-up (mitigated effects of spill);Contained all or portion of spill	
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer	

[illegible]

collapse sewer mainline pipe was repair by contractor with the assists of SB sewer crew.

disinfect,Deodorize

1/21/2013 17:00

1/29/2013 16:30

3/26/2013 13:50

7/26/2013 16:34

10/11/2013 15:55

9/6/2007 23:30

8/9/2007 0:00

8/7/2007 14:40

8/15/2007 21:30

5/24/2007 23:01

5/13/2007 0:00

3/27/2007 16:00

3/17/2007 10:00

1/10/2007 15:30

9/27/2007 23:30

11/22/2007 12:00

12/12/2007 10:30

12/17/2007 10:50

12/26/2007 10:30

1/14/2008 20:00

1/27/2008 11:30

2/11/2008 11:15

2/29/2008 23:30

3/23/2008 14:15

3/25/2008 8:50

3/27/2008 14:45

6/3/2008 17:30

7/6/2008 22:45

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Other (specify below)

Repaired sewer

Repaired Facilities or Replaced Defect

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Standard of Operation policy to be enforced.

This form was updated and corrected on 12/6/2010 from Elias Shehab first input in 9/6/2007,I corrected Item's #30-#31-#

this was a new housing track that the contractor was working on.
repair lift station pumps
removed rocks and had contractor install locking manhole lids.
had electricians repair pump

removed debri from city main.

This form was updated and corrected on 12/6/2010 from Elias Shehab first input in 12/12/2007,I corrected Item's #30-#31

Informing SB City WasteWater Enviromental section to monitor the area to see what faciality is dumping trash down there

restore pump station power,electrician will be evaluating cause of power failure.Electrician also will be replacing circuit br

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

Yes

No

No

Yes

No

No

No

No

No

No

No

No

No

No

No
Yes

No No

No
No
No
No

No
No

No
No
Yes
No

No

Yes
No

No

No
No

No
No

No
No

No

No

No

NA

n/a

n/a

n/a

na

n/a

n/a

n/a

N/A

na

n/a

n/a

NA

N/A

na

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A
N/A
N/A
N/A

N/A
N/A
N/A

Santa Ana River
Riverside County Canal at Buchanan St x Magnolia Ave.

unknown on destination.
unknown on destination.
n/a
Possible Twin Creek channel.

unknown on destination.
unknown on destination.

unknown on destination.
unknown destination
na
Detention Base

unknown on destination.

unknown on destination.
unknown on destination.

Twin Creek Channel

Detention Base
unknown on destination.

Possible Twin Creek Channel.
unknown on destination.

unknown destination
unknown on destination.

unknown on destination.

Possible Warm Creek Channel.

Possible Santa Ana River Basin

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Dissolved oxygen

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

No water quality samples taken

Dissolved oxygen

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Dissolved Oxygen, pH, Conductivity, Ammonia, COD

Samples analyzed for DO, PH, Bacti, Temp, Ammonia and COD

None of the above

Not applicable to this spill

Not applicable to this spill

Regional Water Quality Control Board

Regional Water Quality Control Board

None of the above

Not applicable to this spill

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

No water quality samples taken

None of the above

None of the above

1) 5 gpm leak noted from crack in concrete during peak flows at time of discovery 2) Peak flows through that line on ave

	130436	1/21/2013 17:00
	130619	1/29/2013 16:25
	131833	3/26/2013 13:21
	134584	7/25/2013 15:45
	136351	10/11/2013 11:33
# 07- 3189	74773	8/9/2007 10:15
	74740	8/7/2007 0:00
	74895	8/15/2007 0:00
	74389	7/22/2007 12:20
		5/24/2007 23:05
	Jul-05	5/13/2007 14:00
07-1714		3/17/2007 0:00
	75939	9/27/2007 20:25
	76973	11/12/2007 14:43
	77245	11/22/2007 10:00
	82989	12/12/2007 0:00
	7897898	12/24/2007 17:12
	77911	12/25/2007 13:26
	77998	12/29/2007 15:28
	80431	1/14/2008 19:30
	80797	1/27/2008 11:10
	81021	2/2/2008 14:30
	81736	2/29/2008 23:17
	82051	3/14/2008 9:04
	82264	3/23/2008 13:50
	82306	3/25/2008 8:40
	82324	3/25/2008 20:41
	82378	3/27/2008 14:58
	82846	4/16/2008 18:42
	83217	5/2/2008 17:58
	83449	5/12/2008 16:50
	83710	5/23/2008 11:40
	83967	6/3/2008 16:38
	84945	7/6/2008 13:28
	84952	7/6/2008 21:58

Ed Filadelfia, Compliance Mgr.	9513516080
Ed Filadelfia	9513516080
Edward Filadelfia, Regualtory Affairs & Compliance Manager	9513516080

8SSO10561	Active	722159 Randy Kuettle	Certified
8SSO10561	Active	726680 Randy Kuettle	Certified
8SSO10561	Active	727456 Randy Kuettle	Certified
8SSO10561	Active	727760 Randy Kuettle	Certified
8SSO10561	Active	727775 Randy Kuettle	Certified
8SSO10561	Active	728006 Randy Kuettle	Certified
8SSO10561	Active	728086 Randy kuettle	Certified
8SSO10561	Active	728397 Randy Kuettle	Certified
8SSO10561	Active	729150 Randy Kuettle	Certified
8SSO10561	Active	730070 Randy Kuettle	Certified
8SSO10561	Active	730444 Randy kuettle	Certified
8SSO10561	Active	730453 Randy Kuettle	Certified
8SSO10561	Active	730517 Randy Kuettle	Certified
8SSO10561	Active	731100 Randy Kuettle	Certified
8SSO10561	Active	732187 Randy Kuettle	Certified
8SSO10561	Active	732593 Randy Kuettle	Certified
8SSO10561	Active	732983 Randy Kuettle	Certified
8SSO10561	Active	733167 Randy Kuettle	Certified
8SSO10561	Active	734148 Randy Kuettle	Certified
8SSO10561	Active	734651 Randy Kuettle	Certified
8SSO10561	Active	734691 Randy kuettle	Certified
8SSO10561	Active	734917 Randy Kuettle	Certified
8SSO10561	Active	736280 Randy Kuettle	Certified
8SSO10561	Active	739726 Randy Kuettle	Certified
8SSO10561	Active	740548 Randy Kuettle	Certified
8SSO10561	Active	740683 Randy Kuettle	Certified
8SSO10561	Active	744123 Randy Kuettle	Certified
8SSO10561	Active	744124 Randy Kuettle	Certified
8SSO10561	Active	745427 Randy Kuettle	Certified
8SSO10561	Active	745784 Randy kuettle	Certified
8SSO10561	Active	746441 Randy Kuettle	Certified
8SSO10561	Active	747150 Randy Kuettle	Certified
8SSO10561	Active	747485 Randy Kuettle	Certified
8SSO10561	Active	747490 Randy Kuettle	Certified
8SSO10561	Active	748118 Randy Kuettle	Certified
8SSO10561	Active	748224 Randy Kuettle	Certified
8SSO10561	Active	748306 Randy Kuettle	Certified
8SSO10561	Active	749112 Randy Kuettle	Certified
8SSO10561	Active	749441 Randy Kuettle	Certified
8SSO10561	Active	749642 Randy Kuettle	Certified
8SSO10561	Active	751309 Randy Kuettle	Certified
8SSO10561	Active	751392 Randy Kuettle	Certified
8SSO10561	Active	751655 Randy Kuettle	Certified
8SSO10561	Active	753315 Randy kuettle	Certified
8SSO10561	Active	755921 Randy Kuettle	Certified
8SSO10561	Active	756229 Randy Kuettle	Certified
8SSO10561	Active	758188 Randy kuettle	Certified
8SSO10561	Active	758852 Randy Kuettle	Certified
8SSO10561	Active	758854 Randy Kuettle	Certified
8SSO10561	Active	760192 Randy Kuettle	Certified
8SSO10561	Active	761180 Randy Kuettle	Certified
8SSO10561	Active	762015 Tony Frossard	Certified
8SSO10561	Active	763177 Tony Frossard	Certified
8SSO10561	Active	764915 tony frossard	Certified
8SSO10561	Active	765168 tony frossard	Certified

Deputy Director
Deputy Director
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Deputy Director
Deputy Director
Randy Kuettle
Deputy Director
Deputy Director
Deputy Director
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Deputy Director
Acting Public Services Director
Acting Director Public services
Acting Director Public Services
Acting Director Public Services
Acting Director Public Services
Deputy Director
Deputy Director
Deputy Director
Acting Director Public Srivices
Acting Director
Acting Director
Acting Director Public Services
Acting Director
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Deputy director
Deputy Director
Operations & Maintenance Mgr.
Operations & Maintenance Mgr.
Operations & Maintenance Mgr.
operation & maintenance manager

San Bernardino	345209
San Bernardino	477504
San Bernardino	911831
San Bernardino	201055
San Bernardino	673459
San Bernardino	529282
San Bernardino	852199
San Bernardino	370449
San Bernardino	648764
San bernardino	681644
San Bernardino	229200
San Bernardino	725041
	12/16/2008
San Bernardino	232683
San Bernardino	494822
San Bernardino	227830
San Bernardino	381735
San Bernardino	330554
San Bernardino	855414
San Bernardino	556896
San Bernardino	545815
San Bernardino	796671
San Bernardino	222400
San Bernardino	670205
City of San Bernardino	960673
San Bernardino	376631
San Bernardino	950659
San Bernardino	683258
San Bernardino	915440
San Bernardino	303409
San Bernardino	110410
San Bernardino	923550
San Bernardino	230729
San Bernardino	763552
San Bernardino	862881
San Bernardino	269034
San Bernardino	463680
San Bernardino	991018
San Bernardino	691143
San Bernardino	719595
San Bernardino	316576
San Bernardino	835683
San Bernardino	575001
San Bernardino	369413
San Bernardino	833322
San Bernardino	533438
San Bernardino	879066
San Bernardino	427385
San bernardino	929176
San bernardino	773312
San Bernardino	453633
San Bernardino	762738
2:28pm	330960
2:30pm	438268
2:37pm	322784
	2:01
	145917

12-Jul-08		14-Jul-08	7/14/2008
22-Sep-08		23-Sep-08	12/13/2010
6-Oct-08		7-Oct-08	10/7/2008
12-Oct-08		13-Oct-08	12/13/2010
13-Oct-08		13-Oct-08	12/13/2010
16-Oct-08		17-Oct-08	10/17/2008
20-Oct-08		20-Oct-08	10/20/2008
23-Oct-08		27-Oct-08	12/13/2010
12-Nov-08		13-Dec-10	12/13/2010
2-Dec-08		12-Dec-08	12/12/2008
11-Dec-08		12-Dec-08	12/12/2008
11-Dec-08		12-Dec-08	12/12/2008
12-Dec-08		16-Dec-08	12/16/2008
26-Dec-08		13-Dec-10	12/13/2010
21-Jan-09		22-Jan-09	1/22/2009
27-Jan-09		27-Jan-09	12/13/2010
3-Feb-09		3-Feb-09	2/3/2009
5-Feb-09		5-Feb-09	12/13/2010
26-Feb-09		26-Feb-09	12/13/2010
7-Mar-09		9-Mar-09	3/9/2009
9-Mar-09		9-Mar-09	3/9/2009
12-Mar-09		13-Dec-10	12/13/2010
13-Apr-09		21-Apr-09	4/21/2009
22-Jun-09		25-Jun-09	6/25/2009
1-Jul-09		2-Jul-09	12/13/2010
6-Jul-09		6-Jul-09	7/6/2009
2-Sep-09		3-Sep-09	9/3/2009
2-Sep-09		3-Sep-09	9/3/2009
7-Oct-09		23-Oct-09	10/23/2009
20-Oct-09		23-Oct-09	10/23/2009
3-Nov-09		12-Jan-10	1/12/2010
30-Nov-09		12-Jan-10	1/12/2010
14-Dec-09		12-Jan-10	1/12/2010
14-Dec-09		12-Jan-10	1/12/2010
4-Jan-10		12-Jan-10	1/12/2010
7-Jan-10		12-Jan-10	12/13/2010
12-Jan-10		12-Jan-10	12/13/2010
4-Feb-10		4-Feb-10	12/13/2010
18-Feb-10		4-Mar-10	3/4/2010
22-Feb-10		4-Mar-10	3/4/2010
6-Apr-10		14-Apr-10	4/14/2010
7-Apr-10		14-Apr-10	4/14/2010
14-Apr-10		14-Apr-10	4/14/2010
14-Jun-10	6/14/2010	3-Nov-10	11/3/2010
10-Aug-10	8/10/2010	3-Nov-10	11/3/2010
23-Aug-10	8/23/2010	3-Nov-10	11/3/2010
27-Oct-10	10/27/2010	3-Nov-10	11/3/2010
23-Nov-10	11/23/2010	13-Dec-10	12/13/2010
23-Nov-10	11/23/2010	13-Dec-10	12/13/2010
4-Jan-11	1/4/2011	13-Jan-11	1/13/2011
13-Jan-11	1/13/2011	13-Jan-11	1/13/2011
27-Jan-11	1/27/2011	17-Sep-12	9/17/2012
17-Feb-11	2/17/2011	17-Sep-12	9/17/2012
29-Mar-11	3/30/2011	17-Sep-12	9/17/2012
5-Apr-11	4/5/2011	18-Oct-12	10/18/2012

Category 3	75	75
Category 1	500	175
Category 1	100	50
Category 1	400	300
Category 1	170	60
Category 3	50	50
Category 3	10	5
Category 1	1200	600
Category 1	600	500
Category 3	300	300
Category 3	25	25
Category 3	100	100
Category 3	100	100
Category 1	300	0
Category 3	100	100
Category 1	450	100
Category 3	50	50
Category 1	325	175
Category 1	200	150
Category 3	20	20
Category 3	500	500
Category 1	350	100
Category 3	60	60
Category 3	100	100
Category 1	100	100
Category 3	50	50
Category 3	50	50
Category 3	60	60
Category 3	50	50
Category 3	50	50
Category 3	30	30
Category 3	50	50
Category 3	750	563
Category 1	3555	1155
Category 3	300	200
Category 1	2000	1000
Category 1	4500	1500
Category 1	1800	1100
Category 3	100	100
Category 3	75	75
Category 3	250	50
Category 3	500	500
Category 3	20	20
Category 3	850	850
Category 3	50	50
Category 3	80	80
Category 1	750	0
Category 3	70	70
Category 3	100	100
Category 1	20	0
Category 3	250	250
Category 3	500	500
Category 1	30	0
Category 3	275	275
Category 3	60	60

0 No	No
325 Yes	Yes
50 Yes	Yes
100 Yes	No
110 Yes	Yes
0 No	No
0 No	No
600 No	Yes
100 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
300 Yes	Yes
0 No	No
350 Yes	Yes
0 No	No
150 No	Yes
50 Yes	Yes
0 No	No
0 No	No
250 No	Yes
0 No	No
0 No	No
100 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
2400 Yes	Yes
0 No	No
1000 Yes	Yes
3000 Yes	Yes
700 Yes	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
750 Yes	Yes
0 No	No
0 No	No
20 Yes	Yes
0 No	No
0 No	No
30 No	No
0 No	No
0 No	No

No

No

Not Applicable - Spill did not reach storm drainpipe

No

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

No

No

No

No

Not Applicable - Spill did not reach storm drainpipe

No

Not Applicable - Spill did not reach storm drainpipe

Yes

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

No

No

No

No

Not Applicable - Spill did not reach storm drainpipe

No

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

No

Not Applicable - Spill did not reach a separate storm drainpipe

No

Not Applicable - Spill did not reach a separate storm drainpipe

Not Applicable - Spill did not reach a separate storm drainpipe

Not Applicable - Spill did not reach a separate storm drainpipe

4580 Pershing
5504 North I street
1026 Scenic dr.
1036 S. Scenic Dr.
4th and Waterman Ave.
I and Hillcrest
Oak Street and Mayfield
Meridian and Randall Av.
36th and Sierra Way
20th and Madison
On E street btwn 9th and 10th
720 W. 17th street
11th and G street
MayCo Lift Station #2
H st btwn 17th and 18th
722 W. 17th
683 Virginia Cir.
Hst btwn. 18th & 19th
832 W. 18th street
18th and H street
1792 Macy
18th and Hst
1456 W. 6th street
123 E. Court Street
Hospitality Ln. & E street
28th and Stoddard
28th and Stoddard Ave.
2827 W. 6th Street
1860 W. 19th street
49th and E street
31st and Lincol Dr.
397 E. 18th street
859 S. Merdian
Waterman Ave. and Vanderbilt
Yucca and Camellia
3rd and Mt. View
7th and Waterman ave.
499 E. Rialto Ave.
2795 W. Spruce
1703 N. Valencia
F street and Dover
799 E. Niles
14th and Massachusetts
1587 W. Virginia
E street and Orange Show
677 E. 9th Street
Valencia and Fremontia Dr.
127 E. Highland ave.
4551 N. Mayfield
483 S. Allen street
H street N/O Baseline
2354 Conner street
1046 Scenic Dr.
1390 W. 4th Street
Mirada Rd btwn Muscupiabe Dr and Serrano

34.170473	-117.288391 San Bernardino
34.179713	-117.302867 San Bernardino
34.084111	-117.301974 San Bernardino
34.08176841	-117.3008081 San Bernardino
34.107251	-117.27864 San Bernardino
34.083452	-117.303107 San Bernardino
34.093928	-117.291312 San Bernardino
34.085055	-117.348596 San Bernardino
34.156635	-117.28505 San Bernardino
34.13329	-117.325297 San Bernardino
34.116633	-117.294182 San Bernardino
34.130495	-117.299226 San Bernardino
34.119505	-117.29868 San Bernardino
34.082861	-117.298002 San Bernardino
34.130965	117.300885 San Bernardino
34.130488	-117.298668 San Bernardino
34.124864	117.297639 San Bernardino
34.131764	-117.300907 San Bernardino
34.131653	-117.301597 San Bernardino
34.131821	-117.300979 San Bernardino
34.131075	-117.339864 San Bernardino
34.131821	-117.30097 San Bernardino
34.11046	-117.317248 San Bernardino
34.105262	-117.284088 San Bernardino
34.065788	-117.293289 San Bernardino
34.142394	-117.292956 San Bernardino
34.142395	-117.292962 San Bernardino
34.11017	-117.351217 San Bernardino
34.132377	-117.3295596 San Bernardino
34.172721	-117.294069 San Bernardino
34.147719	-117.30491 San Bernardino
34.1309	-117.275934 San Bernardino
34.085532	-117.348487 San Bernardino
34.067415	-117.277612 San Bernardino
34.1595314	-117.2554967 San Bernardino
34.104627	-117.287444 San Bernardino
34.112052	-117.278775 San Bernardino
34.101535	-117.275134 San Bernardino
34.108735	-117.350697 San Bernardino
34.1303	-117.271777 San Bernardino
34.17963	-117.302491 San Bernardino
34.13382	-117.273007 San Bernardino
34.125112	-117.308529 San Bernardino
34.124281	-117.322128 San Bernardino
34.080318	-117.294038 San Bernardino
34.114931	-117.272076 San Bernardino
34.130255	-117.272075 San Bernardino
34.13589	-117.2843 San Bernardino
34.16949	-117.2904 San Bernardino
34.09255	-117.28152 San Bernardino
34.12165	-117.30118 San Bernardino
34.0878	-117.34227 San Bernardino
34.08161	-117.30118 San Bernardino
34.10659	-117.31495 San Bernardino
34.14292	-117.30824 San Bernardino

[illegible]

Paved street with curb and gutters

from manhole to curb and gutter..
in roadway

from city manhole onto street to curb and gutter..

from owners lateral to curb and gutter
commercial area

Residential Area

residential area.

residential area.
residential area
Residential area
Commercial Area
Residential Area

Commercial Area
Comercial Area

Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Other (specify)
Other (specify)
Manhole
Gravity sewer
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
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Manhole
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Manhole
Other (specify)
Other (specify)
Manhole
Manhole
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Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Building or structure
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other sewer system structure
Manhole

from homeowners lateral.
From buried manhole under street.

sewage release from broken lateral at curb and gutter.

from crack in street near manhole
from crack in street

owner lateral

Residential area

private owners lateral
From a broken pipe travel to a storm drain

from property owners lateral

Lateral

Street/curb and gutter
Separate storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter
Other (specify below)
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Other (specify below)
Unpaved surface;Other (specify below)
Separate storm drain;Unpaved surface
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter;Other (specify below)
Street/curb and gutter
Street/curb and gutter
Storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter;Unpaved surface
Storm drain;Street/curb and gutter;Other (specify below)
Building or structure;Other (specify below)
Street/curb and gutter
Street/curb and gutter;Other (specify below)
Unpaved surface
Street/curb and gutter
Other (specify below)
Other (specify below)
Other (specify below)

field

recovered within drain.

Detention Basin
street curb and gutter, parking lot, storm drain, Santa Anna River
contain onto property

and County Flood Channel

East Twin Creek
Three building affected by stoppage. 127 E. Highland - 25gal 132 E. Highland - 25gal 128 E. Highland - 20gal

reach storm drain pipe to Twin Creek Channel
vacant lot

Field
Dirt lot
onto street to unpaved driveway.

7/12/2008 8:55	7/12/2008 8:55	7/12/2008 9:20	7/12/2008 9:45
9/22/2008 9:00	9/22/2008 9:00	9/22/2008 9:15	9/22/2008 9:25
10/5/2008 16:15	10/5/2008 16:15	10/5/2008 16:30	10/5/2008 16:48
10/12/2008 10:35	10/12/2008 10:35	10/12/2008 10:45	10/12/2008 10:55
10/13/2008 10:34	10/13/2008 10:34	10/13/2008 10:45	10/13/2008 10:50
10/16/2008 11:07	10/16/2008 11:07	10/16/2008 11:17	10/17/2008 11:30
10/17/2008 16:15	10/17/2008 16:15	10/17/2008 16:40	10/17/2008 17:00
10/22/2008 23:30	10/22/2008 23:30	10/22/2008 0:00	10/23/2008 0:00
11/11/2008 21:54	11/11/2008 21:55	11/11/2008 22:10	11/11/2008 22:38
12/2/2008 9:30	12/2/2008 9:30	12/2/2008 9:40	12/2/2008 9:50
12/11/2008 11:10	12/11/2008 11:10	12/11/2008 11:25	12/11/2008 11:45
12/10/2008 18:50	12/10/2008 18:50	12/10/2008 19:10	12/10/2008 19:45
12/12/2008 17:40	12/12/2008 17:40	12/12/2008 18:00	12/12/2008 18:30
12/24/2008 13:00	12/24/2008 13:00	12/24/2008 13:20	12/24/2008 14:19
1/21/2009 9:10	1/21/2009 9:10	1/21/2009 9:20	1/21/2009 9:38
1/27/2009 8:00	1/27/2009 8:00	1/27/2009 8:10	1/27/2009 9:30
2/3/2009 13:15	2/3/2009 13:15	2/3/2009 13:30	2/3/2009 13:50
2/5/2009 8:30	2/5/2009 8:30	2/5/2009 8:45	2/5/2009 9:05
2/25/2009 13:16	2/25/2009 13:16	2/25/2009 13:30	2/25/2009 13:57
3/7/2009 12:00	3/7/2009 12:00	3/7/2009 12:15	3/7/2009 14:15
3/9/2009 9:15	3/9/2009 9:15	3/9/2009 9:35	3/9/2009 12:30
3/12/2009 10:00	3/12/2009 10:50	3/12/2009 11:00	3/12/2009 11:20
4/13/2009 8:39	4/13/2009 8:39	4/13/2009 8:50	4/13/2009 11:00
6/22/2009 8:20	6/22/2009 8:20	6/22/2009 8:35	6/22/2009 12:30
7/1/2009 13:00	7/1/2009 13:00	7/1/2009 13:00	7/1/2009 13:45
7/5/2009 19:30	7/5/2009 19:30	7/5/2009 19:45	7/5/2009 20:05
7/5/2009 19:30	7/5/2009 19:30	7/5/2009 19:45	7/5/2009 20:05
7/29/2009 9:25	7/29/2009 9:25	7/29/2009 10:00	7/29/2009 10:10
10/5/2009 11:30	10/5/2009 11:30	10/5/2009 11:45	10/5/2009 13:45
10/19/2009 9:47	10/19/2009 9:47	10/19/2009 10:05	10/19/2009 11:45
11/2/2009 21:45	11/2/2009 21:45	11/2/2009 22:00	11/2/2009 23:55
11/26/2009 10:15	11/26/2009 10:15	11/26/2009 10:20	11/26/2009 12:15
11/30/2009 20:00	11/30/2009 20:00	11/30/2009 20:25	11/30/2009 23:55
12/12/2009 18:00	12/12/2009 18:00	12/12/2009 18:30	12/12/2009 19:15
12/23/2009 9:00	12/23/2009 9:00	12/23/2009 9:15	12/23/2009 9:30
1/5/2010 15:30	1/5/2010 15:30	1/5/2010 15:45	1/5/2010 16:50
1/9/2010 10:00	1/9/2010 10:00	1/9/2010 10:15	1/9/2010 10:45
2/3/2010 12:50	2/3/2010 12:50	2/3/2010 13:05	2/3/2010 13:50
2/17/2010 16:00	2/17/2010 16:00	2/17/2010 16:20	2/17/2010 18:00
2/19/2010 10:00	2/19/2010 10:00	2/19/2010 10:15	2/19/2010 10:25
4/5/2010 16:30	4/5/2010 16:30	4/5/2010 16:45	4/5/2010 17:00
4/7/2010 12:00	4/7/2010 12:00	4/7/2010 12:15	4/7/2010 12:30
4/13/2010 8:48	4/13/2010 8:48	4/13/2010 9:10	4/13/2010 9:15
6/1/2010 7:20	6/1/2010 7:20	6/1/2010 7:30	6/1/2010 22:00
8/9/2010 14:40	8/9/2010 14:40	8/9/2010 14:50	8/9/2010 15:05
8/21/2010 16:00	8/21/2010 16:00	8/21/2010 16:30	8/21/2010 17:00
10/27/2010 9:05	10/27/2010 9:05	10/27/2010 9:45	10/27/2010 10:55
10/21/2010 10:10	10/21/2010 10:10	10/21/2010 10:20	10/21/2010 10:50
10/24/2010 23:20	10/24/2010 23:20	10/24/2010 23:30	10/24/2010 23:50
1/4/2011 14:20	1/4/2011 14:20	1/4/2011 14:30	1/4/2011 14:50
1/12/2011 12:15	1/12/2011 12:15	1/12/2011 12:35	1/12/2011 12:55
1/27/2011 7:55	1/27/2011 7:55	1/27/2011 8:20	1/27/2011 9:45
2/16/2011 15:05	2/16/2011 15:05	2/16/2011 15:15	2/16/2011 17:30
3/28/2011 15:00	3/28/2011 15:00	3/28/2011 15:10	3/28/2011 15:15
4/5/2011 10:35	4/5/2011 10:35	4/5/2011 10:50	4/5/2011 11:05

Other (specify below)
Other (specify below)
Grease deposition (FOG)
Pump station failure
Grease deposition (FOG)
Pipe structural problem/failure
Grease deposition (FOG)
Other (specify below)
Root intrusion
Other (specify below)
Grease deposition (FOG)
Pipe structural problem/failure
Other (specify below)
Operator error
Other (specify below)
Debris-Rags
Other (specify below)
Debris-Rags
Pipe structural problem/failure
Pipe structural problem/failure
Grease deposition (FOG)
Pipe structural problem/failure
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Debris-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Root intrusion
Pipe structural problem/failure
Grease deposition (FOG)
Vandalism
Other (specify below)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Debris-General
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)

grease and roots
grease and roots.

The dial up system was disconnected by ATT. The system was reconnected 10-23-08

rags

Rags and grease

Contractor for the City had service the lift station prior to spill, believes he may have accidentally hit breaker switch when €
unknown.

unknown.

grease and roots

Strom Water Surcharge.

spill accured on property spill onto grass and to rear of house.spill was 300gal recovered 200gal and absorb into ground

Plastic trash bags,snack bags,misc items, all believe from county jail.

Grease and Rags

Grease and Roots

Main stoppage due to roots coming from owner's lateral's,Grease

From owners laterals into city mainline,and grease

found brick in sewer line.

Unknown possible from construction work in area (Dirt)

unknown

Main
Main

Main
Main

Other (specify below)

Main
Main
Main
Main
Main

Other (specify below)

Main
Main

Main
Main
Main
Main
Main
Main
Main
Main

Main
Main
Main
Main
Main
Main
Main
Main

Upper Lateral

Main
Main
Main
Main
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Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

Lift Station

Lift Station

8

8

8

8 Clay

8 Clay
vcp

8 vcp

8

This form was updated and corrected on 12/6/2010 from Elias Shehab first input in 11/11/2008,I corrected Item's #3-#8 p

make sure contractor follows check list prior to exiting all lift station..

Cause of spill broken pipe travel to storm drain,we contain spill at entrance to drain.Pump sewage to down stream manhc

contacted Risk Mgnt. to have private cleaning crew to clean up spill in buildings.

9/22/2008 12:15
10/5/2008 18:00
10/12/2008 12:40
10/13/2008 10:30

10/23/2008 0:10
11/12/2008 3:00

12/24/2008 15:00

1/27/2009 10:00

2/5/2009 10:00
2/25/2009 18:00

3/12/2009 12:30

7/1/2009 15:30

12/13/2009 1:00

1/11/2010 8:00
1/9/2010 15:00
2/3/2010 19:30

4/5/2010 18:30

10/27/2010 11:20

1/4/2011 15:30

Added sewer to preventive maintenance program
Added sewer to preventive maintenance program
Other (specify below)
Adjusted schedule/method of preventive maintenance

Other (specify below)
Added sewer to preventive maintenance program

Other (specify below)
Adjusted schedule/method of preventive maintenance
Other (specify below)
Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer; Repaired sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)
Repaired sewer
Adjusted schedule/method of preventive maintenance
Other (specify below)

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

have city contractor run test on pump station.

City's contractor will reevaluate station and make any corrective actions needed.

talk to contractor to use a check off list..

Will video inspect sewer main

This form was updated and corrected on 12/6/2010 from John Van Havermmat first input in 3/12/2009,I corrected Item's 1

storm weather related.

Repair broken pipe.

We contacted are Environmental Control Officer to follow-up at the County Jail Facility.

No
No
No
No

No
No

No

No

No
No

No

No

No

No
No
No

No

No

No

No
No
No
No

No
No

No

No

No
No

No

No

No

Yes
No
No

No

No

No

N/A
N/A
N/A
N/A

N/A
na

N/A

N/A

N/A
n/a

N/A

N/A

N/A

N/A
N/A
N/A

N/A

N/A

No beaches
None

unknown on destination.
N/A
unknown on destination.
Twin Creek Channel.

unknown on destination.
unknown on destination.

Possible Santa Ana River Basin

unknown on destination.

unknown on destination.
Possible may reach Warm Creek Channel.

unknown on destination.

see item # 26

Santa Anna River

Warm Creek Channel.
Possible Twin Creek Channel.
Twin Creek Channel.

N/A

none
N/A

Twin Creek Channel
None
No surface water impacted.
None
NO impacted surface water
no impacted surface water.

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken
Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

None of the above
None of the above
No water quality samples taken
No water quality samples taken

None of the above
None of the above

None of the above

None of the above

None of the above
None of the above

No water quality samples taken

None of the above

No water quality samples taken

None of the above
None of the above
None of the above

None of the above

None of the above

None of the above

85119	7/12/2008 10:23
86878	9/22/2008 10:04
	10/5/2008 17:51
87364	10/12/2008 12:00
	10/13/2008 10:39
87481	10/16/2008 12:50
87519	10/17/2008 17:15
87641	10/23/2008 1:30
88120	11/11/2008 23:50
88604	12/2/2008 10:12
88831	12/11/2008 12:19
88818	12/10/2008 19:45
88879	12/12/2008 19:36
89125	12/24/2008 14:45
90590	1/21/2009 9:59
90797	1/27/2009 10:02
91000	2/3/2009 14:27
91043	2/5/2009 9:54
91656	2/25/2009 15:01
92092	3/7/2009 13:33
92123	3/9/2009 10:50
92215	3/12/2009 12:35
92942	4/13/2009 9:29
94525	6/22/2009 11:30
94745	7/1/2009 16:16
94821	7/5/2009 20:30

98294	12/12/2009 22:00
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100087	1/5/2010 18:15
100169	1/9/2010 13:20
100906	2/3/2010 15:08

102198	4/5/2010 17:15
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106458	10/27/2010 12:22
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110057	1/4/2011 15:49
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110942	2/16/2011 17:30
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8SSO10561	Active	765592 Tony Frossard	Certified
8SSO10561	Active	765594 Tony Frossard	Certified
8SSO10561	Active	765608 Tony Frossard	Certified
8SSO10561	Active	766751 tony frossard	Certified
8SSO10561	Active	766800 tony frossard	Certified
8SSO10561	Active	767579 tony frossard	Certified
8SSO10561	Active	768640 tony frossard	Certified
8SSO10561	Active	768664 tony frossard	Certified
8SSO10561	Active	770691 tony frossard	Certified
8SSO10561	Active	771721 tony frossard	Certified
8SSO10561	Active	771901 tony frossard	Certified
8SSO10561	Active	771903 tony frossard	Certified
8SSO10561	Active	772593 tony frossard	Certified
8SSO10561	Active	773230 tony frossard	Certified
8SSO10561	Active	774373 tony frossard	Certified
8SSO10561	Active	774491 tony frossard	Certified
8SSO10561	Active	775970 tony Frossard	Certified
8SSO10561	Active	776634 tony frossard	Certified
8SSO10561	Active	777847 tony frossard	Certified
8SSO10561	Active	778332 tony frossard	Certified
8SSO10561	Active	778365 tony frossard	Certified
8SSO10561	Active	778828 tony frossard	Certified
8SSO10561	Active	779474 tony frossard	Certified
8SSO10561	Active	780901 tony frossard	Certified
8SSO10561	Active	784031 tony frossard	Certified
8SSO10561	Active	787380 tony frossard	Certified
8SSO10561	Active	787910 tony frossard	Certified
8SSO10561	Active	788025 tony frossard	Certified
8SSO10561	Active	789278 tony frossard	Certified
8SSO10561	Active	789386 tony frossard	Certified
8SSO10561	Active	789678 tony frossard	Certified
8SSO10561	Active	789680 tony frossard	Certified
8SSO10561	Active	789682 tony frossard	Certified
8SSO10561	Active	790996 tony frossard	Certified
8SSO10561	Active	791587 tony frossard	Certified
8SSO10561	Active	793085 Tony Frosard	Certified
8SSO10561	Active	793086 Tony Frossard	Certified
8SSO10561	Active	793542 Tony Frossard	Certified
8SSO10561	Active	793689 Tony Frossard	Certified
8SSO10561	Active	794116 tony frossard	Certified
8SSO10561	Active	796787 tony frossard	Certified
8SSO10561	Active	798102 Tony Frossard	Certified
8SSO10561	Active	798216 Tony Frossard	Certified
8SSO10561	Active	799323 tony frossard	Certified
8SSO10561	Active	800030 Tony Frossard	Certified
8SSO10564	Active	705030	Ready To Certify
8SSO10564	Active	720213 Acquanetta Warren	Certified
8SSO10564	Active	722368 Acquanetta Warren	Certified
8SSO10564	Active	733197 Acquanetta Warren	Certified
8SSO10564	Active	743896 Acquanetta Warren	Certified
8SSO10564	Active	754573 Acquanetta Warren	Certified
8SSO10564	Active	764172 Mark Wiley	Certified
8SSO10564	Active	764337 Mark Wiley	Certified
8SSO10564	Active	764859 Mark Wiley	Certified
8SSO10564	Active	774286 Mark Wiley	Certified

Operations & Maintenance Mgr.
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Director of PW
Director of PW
Director of PW
Director of PW
director of public works
Director of Public Works
Director of Public Works
Director of Public Works
director of public work
Director of Public Works

Deputy Director of Public Works
Deputy Director of Public Works
Deputy Director of Public Works
Deputy Director of Public Works-Operations
Deputy Director of Public Works
Water Operations Manager
Water Opertions Manager
Water Operations Manager
Water Operations Manager

4:48pm	2:39 PM	935574
3:30pm		710842
		195216
	12:37	125666
	12:34	856580
	11:45	251222
	10:43	302126
	10:42	989269
	10:26	868533
	10:42	923793
	10:41	541412
	10:37 AM	287655
	8:53 AM	286965
	8:49 AM	652189
	4:17	732394
	3:31	185184
	8:25 AM	572200
	3:08	756276
	2:46	917323
	2:41	439267
	2:30	107216
	2:21	560206
	2:10	651323
	2:50	708250
	2:48	390471
	8:31 AM	915347
	10:45	966382
	10:50	763358
	10:58	222071
	11:00	326133
	15:17	691851
	15:20	811664
	15:22	772190
	431	473271
	11:00	637860
	1516	385675
	1517	900350
	1519	322809
	1521	974644
	10:22	451352
	10:33	575722
	10:50	810126
	10/3/2013	791351
	11:38	776743
	10:43	346826
4:15 p.m		783141
1:43 p.m.	8/11/2008	665337
		609685
	9/10/2009	127499
Upland		751161
City of Upland		339298
Upland, CA		247831
Upland, CA		992120
City of Upland		326124

18-Apr-11	4/18/2011	17-Sep-12	9/17/2012
18-Apr-11	4/18/2011	17-Sep-12	9/17/2012
19-Apr-11	4/19/2011	17-Sep-12	9/17/2012
19-May-11	5/19/2011	29-Oct-12	10/29/2012
23-May-11	5/23/2011	29-Oct-12	10/29/2012
16-Jun-11	6/16/2011	29-Oct-12	10/29/2012
19-Jul-11	7/19/2011	29-Oct-12	10/29/2012
20-Jul-11	7/20/2011	29-Oct-12	10/29/2012
6-Sep-11	9/6/2011	29-Oct-12	10/29/2012
4-Oct-11	10/4/2011	22-Oct-12	10/22/2012
10-Oct-11	10/10/2011	22-Oct-12	10/22/2012
10-Oct-11	10/10/2011	22-Oct-12	10/22/2012
1-Nov-11	11/1/2011	22-Oct-12	10/22/2012
17-Nov-11	11/17/2011	22-Oct-12	10/22/2012
20-Dec-11	12/20/2011	18-Oct-12	10/18/2012
21-Dec-11	12/21/2011	18-Oct-12	10/18/2012
18-Jan-12	1/18/2012	22-Oct-12	10/22/2012
31-Jan-12	1/31/2012	18-Oct-12	10/18/2012
23-Feb-12	2/23/2012	18-Oct-12	10/18/2012
5-Mar-12	3/5/2012	18-Oct-12	10/18/2012
5-Mar-12	3/5/2012	18-Oct-12	10/18/2012
19-Mar-12	3/19/2012	18-Oct-12	10/18/2012
4-Apr-12	4/4/2012	18-Oct-12	10/18/2012
2-May-12	5/2/2012	22-Aug-12	8/22/2012
24-Jul-12	7/25/2012	22-Aug-12	8/22/2012
22-Oct-12	10/22/2012	22-Oct-12	10/22/2012
6-Nov-12	1/2/2013	2-Jan-13	1/2/2013
13-Nov-12	1/2/2013	2-Jan-13	1/2/2013
22-Dec-12	12/22/2012	2-Jan-13	1/2/2013
25-Dec-12	1/2/2013	2-Jan-13	1/2/2013
5-Jan-13	1/5/2013	22-Jan-13	1/22/2013
6-Jan-13	1/6/2013	22-Jan-13	1/22/2013
7-Jan-13	1/7/2013	22-Jan-13	1/22/2013
31-Jan-13	1/31/2013	31-Jan-13	1/31/2013
13-Feb-13	2/13/2013	13-Feb-13	2/13/2013
1-Apr-13	4/1/2013	6-May-13	5/6/2013
1-Apr-13	4/1/2013	6-May-13	5/6/2013
22-Apr-13	4/22/2013	6-May-13	5/6/2013
29-Apr-13	4/29/2013	6-May-13	5/6/2013
13-May-13	10/10/2013	31-Oct-13	10/31/2013
15-Jul-13	7/16/2013	17-Jul-13	7/17/2013
22-Aug-13	10/10/2013	31-Oct-13	10/31/2013
27-Aug-13	9/16/2013	3-Oct-13	10/3/2013
1-Oct-13	10/1/2013	9-Oct-13	10/9/2013
22-Oct-13	10/22/2013	31-Oct-13	10/31/2013
11-Oct-07			
24-Jun-08		8-Feb-11	2/8/2011
14-Jul-08		11-Aug-08	8/11/2008
5-Feb-09		27-Sep-10	9/27/2010
27-Aug-09		10-Sep-09	9/10/2009
8-Jul-10	7/8/2010	8-Jul-10	7/8/2010
8-Mar-11	3/8/2011	8-Mar-11	3/8/2011
14-Mar-11	3/14/2011	28-Mar-11	3/28/2011
28-Mar-11	3/28/2011	28-Mar-11	3/28/2011
19-Dec-11	12/19/2011	19-Dec-11	12/19/2011

Category 1		200	150
Category 3		100	100
Category 1		40	10
Category 2		3000	3000
Category 3		150	150
Category 3		15	15
Category 3		5	5
Category 3		50	50
Category 3		70	70
Category 3		10	10
Category 3		50	50
Category 3		10	10
Category 3		100	100
Category 3		50	50
Category 3		200	200
Category 3		100	100
Category 3		180	180
Category 3		320	320
Category 3		150	100
Category 3		25	25
Category 3		100	100
Category 3		45	45
Category 1		1200	100
Category 3		180	180
Category 3		50	50
Category 1		46	26
Category 3		10	10
Category 1		200	50
Category 1		280	20
Category 1		120	40
Category 3		240	240
Category 1		171	76
Category 1		119	17
Category 3		94	94
Category 3		15	15
Category 3		50	50
Category 3		25	25
Category 3		92	92
Category 3		50	50
Category 3	50	50	50
Category 1		576	526
Category 3	100	100	100
Category 3	0	640	640
Category 3	60	60	60
Category 3	300	300	300
Category 3		75	75
Category 3		131	0
Category 3		500	0
Category 3		42	0
Category 3		100	0
Category 3		20	15
Category 3		450	0
Category 3		500	0
Category 3		250	0
Category 2		4500	0

50 Yes	Yes
0 No	No
30 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
1200 Yes	No
0 No	No
0 No	No
20 No	Yes
0 No	No
150 No	Yes
260 No	Yes
80 No	Yes
0 No	No
95 No	Yes
102 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
50 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	Yes
0 No	Yes

ED 006495 00001076-24447

17th and H street
1358 W. 4th street
449 N. waterman Ave.
200 S. Lena Rd.
1355 N. G street
6th and Roberds
355 W. Oak street
1674 W. Virginia
2830 W. 6th
443 S Allen
Sierra Way and Marshall Blvd.
21st and E street
5th and Medical Ctr
968 W. 11th
1007 W. Belleview
937 N. H street
28th and Waterman Ave.
41st and Pershing
H and 18th
On 25th street x F street
5494 N. F street
39th and Genevieve
Perris Hill Siphon
King and Macy
2nd and Sierra Way
480 South Arrowhead
687 W. 9th street
Stephanie and Gregory
5495 N. Louise Street
H street and Spruce
6th and Roberds
54th and F street
9th and Valencia
219 E. 50th
265 S. Loretta street
4935 N. E street
384 S. State Street
1705 W. Baseline
5286 N. Mayfield Ave.
Fairfax Dr. x Cross
297 Terrace Rd
Gilbert and Crestview
1906 S. Commercenter East
401 S. Waterman Ave.
Blake and Kerry
Springfield Apartments
9th Street & Mountain Avenue-City of Upland
8th Street & Sinclair Ave
999 San Bernardino Road, Upland, CA 91786
Mainhole at Mountain Avenue & 9th Street
City Mainline/Manhole
Field north of 811 E. 11th Street
West 15th Street and North Euclid Avenue
1670 N. Partridge
S/W Corner of Fernbrook Avenue and 16th Street

34.13092	-117.3009 San Bernardino
34.10677	-117.31537 San Bernardino
34.10768	-117.27875 San Bernardino
34.09934	-117.26938 San Bernardino
34.12479	-117.29869 San Bernardino
34.1101699	-117.3173892 San Bernardino
34.09393	-117.29087 San Bernardino
34.12476	-117.3241 San Bernardino
34.11044	-117.35218 San Bernardino
34.09338	-117.28152 San Bernardino
34.15301	-117.28509 San Bernardino
34.13525	-117.29435 San Bernardino
34.10843	-117.32302 San Bernardino
34.1197	-117.30463 San Bernardino
34.09967	-117.30565 San Bernardino
34.11661	-117.30054 San Bernardino
34.14192	-117.27868 San Bernardino
34.16599	-117.28836 San Bernardino
34.1314	-117.30092 San Bernardino
34.13857	-117.29624 San Bernardino
34.17905	-117.29651 San Bernardino
34.16218	-117.28621 San Bernardino
34.13415	-117.26823 San Bernardino
34.10324	-117.33774 San Bernardino
34.10271	-117.28514 San Bernardino
34.09248	-117.28965 San Bernardino
34.11551	-117.2981 San Bernardino
34.18997	-117.35263 San Bernardino
34.17903	-117.29687 San Bernardino
34.10926	-117.30085 San Bernardino
34.11015	-117.31742 San Bernardino
34.17881	-117.29622 San Bernardino
34.11582	-117.27176 San Bernardino
34.17376	-117.28208 San Bernardino
34.09602	-117.35356 San Bernardino
34.17341	-117.29376 San Bernardino
34.09451	-117.33485 San Bernardino
34.12121	-117.32478 San Bernardino
34.17656	-117.29139 San Bernardino
34.13106	-117.25748 San Bernardino
34.1052	-117.33659 San Bernardino
34.1268	-117.27369 San Bernardino
34.06677	-117.28235 San Bernardino
34.09446	-117.27714 San Bernardino
34.15062	-117.33867 San Bernardino
34.1085	-117.67482 San Bernardino
34.09598	117.67017 San Bernardino
34.0924	117.67242 San Bernardino
34.10051	-117.63813 San Bernardino
34.09604	-117.67017 San Bernardino
34.12405	-117.62225 San Bernardino
34.10485	-117.64015 San Bernardino
34.11793	-117.6515 San Bernardino
34.1244	-117.62245 San Bernardino
34.12144194	-117.6429158 San Bernardino

[illegible]

intersection
in Alley

Northern Frontage Road of Foothill at Wilson Ave.

Sewer Mainline on Mountain Avenue

Public Right-of-Way Street with manholes. Sewer Main Line underneath street.

Hospital Personnel disposing a degreaser used for the kitchen mats and a stripper/wax emulsion. Each item was diluted for
Manhole at intersection overflow but the heat dried it up before it reached any drains

In field north of 811 E. 11th Street

North West corner of West 15th Street and North Euclid Avenue

1
1
1
1
1

orm. The primary pump located at the v

Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole;Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Lower Lateral (Private)
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Other (specify)
Gravity sewer
Manhole
Manhole
Manhole

lateral in dirt lot

In street property owners broken lateral
private lateral from owners property.

Owners Lateral

Out of crack in gutter

Property owners Lateral and Manhole

From buried manhole in street.
From Property owners lateral.

From Manhole

Manhole

N/A
Water run-off from paint brushes

City Mainline coming out of Manhole

Street/curb and gutter
Other (specify below)
Street/curb and gutter;Other (specify below)
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other paved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter;Other (specify below)
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Other (specify below)
Street/curb and gutter
Street/Curb and Gutter
Paved Surface
Street/Curb and Gutter
Other paved surface
Street/curb and gutter
Other paved surface
Other paved surface;Storm drain
Street/curb and gutter
Other (specify below)
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface

dirt lot
Twin Creek Channel
In Field.

Street/Curb and Gutter Storm Drain

Twin Creek Channel

On arrival crew set-up containment at curb and gutter and cleared stoppage at 11:35 at manhole, then proceeded with clearing dirt lot.

Street and Field.
Field/Sand

Was on the Frontage road of a major street moving toward the storm drain system

City Mainline Backup
Spill occurred in dirt field (vacant lot)

4/16/2011 13:00	4/16/2011 13:00	4/16/2011 13:20	4/16/2011 13:20
4/17/2011 11:00	4/17/2011 11:00	4/17/2011 11:15	4/17/2011 11:50
4/18/2011 13:00	4/18/2011 13:00	4/18/2011 13:10	4/18/2011 16:00
5/18/2011 9:20	5/18/2011 9:20	5/18/2011 9:30	5/18/2011 10:45
5/22/2011 19:00	5/22/2011 19:00	5/22/2011 19:30	5/22/2011 19:50
6/16/2011 13:52	6/16/2011 13:52	6/16/2011 14:00	6/16/2011 15:00
7/19/2011 10:25	7/19/2011 10:25	7/19/2011 10:35	7/19/2011 11:10
7/19/2011 14:30	7/19/2011 14:30	7/19/2011 14:45	7/19/2011 15:30
9/1/2011 10:16	9/1/2011 10:16	9/1/2011 10:38	9/1/2011 10:41
10/4/2011 10:45	10/4/2011 10:45	10/4/2011 11:00	10/4/2011 11:00
10/7/2011 7:30	10/7/2011 7:30	10/7/2011 7:50	10/7/2011 9:30
10/10/2011 11:45	10/10/2011 11:45	10/10/2011 12:00	10/10/2011 1:30
10/30/2011 11:30	10/30/2011 11:30	10/30/2011 12:00	10/30/2011 14:00
11/17/2011 13:55	11/17/2011 13:55	11/17/2011 14:15	11/17/2011 15:45
12/20/2011 7:15	12/20/2011 7:15	12/20/2011 7:30	12/20/2011 10:30
12/20/2011 15:32	12/20/2011 15:32	12/20/2011 14:10	12/20/2011 14:10
1/17/2012 18:30	1/17/2012 18:30	1/17/2012 19:00	1/17/2012 19:30
1/28/2012 12:15	1/28/2012 12:15	1/28/2012 12:30	1/28/2012 12:40
2/22/2012 12:25	2/22/2012 12:25	2/22/2012 12:30	2/22/2012 12:40
3/5/2012 7:56	3/5/2012 7:57	3/5/2012 8:10	3/5/2012 8:20
2/6/2012 8:15	2/6/2012 8:15	2/6/2012 8:45	2/6/2012 9:00
3/15/2012 14:20	3/15/2012 14:20	3/15/2012 14:25	3/15/2012 14:40
4/3/2012 9:50	4/3/2012 9:50	4/3/2012 10:00	4/3/2012 10:10
5/1/2012 14:05	5/1/2012 14:05	5/1/2012 14:30	5/1/2012 17:00
7/23/2012 14:40	7/23/2012 14:40	7/23/2012 15:00	7/23/2012 15:10
10/19/2012 1:30	10/19/2012 1:30	10/19/2012 1:40	10/19/2012 2:00
11/5/2012 21:00	11/5/2012 21:00	11/5/2012 21:20	11/5/2012 21:30
11/13/2012 19:15	11/13/2012 19:15	11/13/2012 19:45	10/28/2012 20:00
12/22/2012 10:00	12/22/2012 10:00	12/22/2012 10:30	12/22/2012 12:20
12/24/2012 17:03	12/24/2012 17:03	12/24/2012 17:30	12/24/2012 17:46
1/5/2013 10:55	1/5/2013 10:55	1/5/2013 11:25	1/5/2013 15:00
1/6/2013 12:10	1/6/2013 12:10	1/6/2013 12:35	1/6/2013 12:55
12/27/2012 10:55	12/27/2012 10:55	12/27/2012 11:25	12/27/2012 11:30
1/29/2013 10:50	1/29/2013 10:50	1/29/2013 11:05	1/29/2013 11:10
2/7/2013 20:45	2/7/2013 20:45	2/7/2013 21:25	2/7/2013 22:05
3/30/2013 8:10	3/30/2013 8:10	3/30/2013 8:30	3/30/2013 9:00
3/31/2013 23:15	3/31/2013 23:15	3/31/2013 23:35	4/1/2013 0:01
4/18/2013 12:00	4/18/2013 12:00	4/18/2013 12:15	4/18/2013 12:30
4/26/2013 19:50	4/26/2013 19:50	4/26/2013 20:15	4/26/2013 20:45
5/9/2013 16:05	5/9/2013 16:05	5/9/2013 16:45	5/9/2013 16:45
7/5/2013 11:20	7/5/2013 11:20	7/5/2013 12:00	7/5/2013 12:30
8/20/2013 12:25	8/20/2013 12:25	8/20/2013 12:45	8/20/2013 13:00
8/23/2013 12:25	8/23/2013 12:25	8/23/2013 13:05	8/23/2013 13:15
10/1/2013 13:20	10/1/2013 13:20	10/1/2013 13:45	10/1/2013 15:00
10/21/2013 12:00	10/21/2013 12:00	10/21/2013 12:20	10/21/2013 15:00
10/9/2007 2:20	10/9/2007 0:00	10/9/2007 2:45	10/9/2007 4:00
5/30/2008 5:00	5/30/2008 7:00	5/30/2008 5:30	5/30/2008 7:00
7/4/2008 11:30	7/4/2008 12:00	7/4/2008 12:30	7/4/2008 1:00
2/2/2009 2:38	2/2/2009 8:45	2/2/2009 9:15	2/2/2009 10:31
8/24/2009 10:45	8/24/2009 10:45	8/24/2009 10:50	8/24/2009 11:00
5/8/2010 3:00	5/8/2010 3:15	5/8/2010 3:30	5/15/2010 5:30
2/12/2011 15:00	2/12/2011 15:00	2/12/2011 15:15	2/12/2011 15:30
3/6/2011 2:25	3/6/2011 2:30	3/6/2011 2:45	3/6/2011 2:50
3/12/2011 1:30	3/12/2011 1:30	3/12/2011 1:55	3/12/2011 2:20
12/18/2011 13:00	12/18/2011 13:15	12/18/2011 14:40	12/18/2011 14:45

Other (specify below)
Grease deposition (FOG)
Other (specify below)
Vandalism
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Root intrusion
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Other (specify below)
Vandalism
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Root intrusion
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Vandalism
Grease deposition (FOG)
Vandalism
Grease deposition (FOG)
Other (specify below)
Grease Deposition (FOG)
Grease Deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Pump station failure
Other (specify below)
Other (specify below)
Root intrusion
Debri-General
Debri-General
Debri-Rags

grease and roots

Piece of broken pipe wedge in sewer line
cause was the following: volleyball, crutches, 2x4 pieces of wood, large sticks.
unknown

This was a private property lateral that was broken in the street.

unknown stoppage in private owners lateral.

Rags
Unknown
Heavy duty paper towels.

pipe structural problem/failure /grease
and rags

and Grease
Sticks, Grease.
Metal Pipe 1/2 x 2'

Low flow

Rags and Grease.

Roots and Grease
and rocks.

After further investigation found County Flood Paddle and Stake in manhole, that cause grease to build up behind it.

2x4's wood, Rocks, Sticks, Rags.

Rocks from SBX line construction work, in conjunction with Omini Trans, Griffian Construction Co.

Latex Water run-off from Paint Brushes
Sewer Back-Up- Main Line
All American Asphalt Company during a repaving project allowed concrete asphalt pavement to enter the sewer manhole

Main line blockage.
City Mainline Backup
N/A

Main
Main
Main
Main
Main
Main
Main
Lower Lateral
Main
Upper Lateral
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
Gravity Mainline
Main
Main
Main
Other (specify below)
Main
Main
Main
Main
Main
Main

An Operator Engineer truned the primary pump off and then manually activated the secondary pump. Once the Plant Su|

N/A

8

No

No

No

No

No

8

8

pervisor was alerted he imm

8 VCP

Will follow -up with video sewer line.

Operations staff responded and utilized Vactor truck to open clogged main eliminating overflowing. The contractor repo

Cleaned Main Line on Mountain Ave south of 9th Street

Cleaned line and restored normal flow

N/A

4/16/2011 16:00

4/18/2011 16:00

5/18/2011 17:30

2/22/2012 14:00

4/3/2012 11:00

10/19/2012 3:30

11/13/2012 21:15

12/22/2012 14:30

12/24/2012 19:00

1/6/2013 15:10

12/18/2011 16:00

Plan rehabilitation or replacement of sewer

Repaired sewer

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

No

No

No

No

No

No

No

No

No

No

No

None

Operations staff cleaned the entrie area around the manhole

N/A

No

No
Yes

No

No

No

No
No
No

No

No

None

No impacted beaches.
No impacted beaches
No impacted beach(es)
No impacted beach.
No impacted beach.
No impacted beaches
No Impacted Beaches.
No impacted beaches
No impacted beaches
No Impacted Beaches.
No Impacted Beaches
No Impacted Beaches
No Impacted Beaches
No Impacted Beaches
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No Impacted Beaches
No Impacted Beaches
No Impacted Beaches
No Impacted Beaches
No Impacted Beaches
No Impacted Beaches

No impacted beaches.
No impacted beach(es)

N/A

no impacted surface water
no impacted surface water
Twin Creek Channel
no impacted surface water.
No impacted surface water
No impacted surface water(s)
No impacted surface water.
No impacted surface water.
No impacted surface water
No Impacted Water.
No impacted surface water
No impacted surface water
No Impacted Surface Water.
No Impacted Waters
No Impacted Surface Water
No Impacted Surface Waters
No Impacted Surface water
No Impacted Surface Waters
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No Impacted Surface Water
No Impacted Surface Water
No impacted surface water
No Impacted Surface Waters
No Impacted Surface Waters
No impacted Surface Water.
No impacted surface water(s):
No Impacted Surface Water.
No Impacted Surface water
No Impacted Surface Water
No Impacted Surface Water
No Impacted Surface Water.
No Impacted Surface Water.
No Impacted Surface Water.
No Impacted Surface Water
No Impacted Surface Water

No Impacted Surface Waters.

N/A
N/A
N/A
N/A

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

None of the above

No water quality samples taken

None of the above

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Not applicable to this spill

112412 4/16/2011 14:50

112441 4/18/2011 14:40

113057 5/18/2011 13:36

121034 2/22/2012 13:38

121958 4/3/2012 11:50

126307 10/19/2012 3:15

126884 11/13/2012 21:13

127816 12/22/2012 12:27

127888 12/24/2012 18:35

130119 1/6/2013 15:32

117486 12/19/2011 12:50

Randy Nolfo - Lead Sewer Maintenance Worker	9513774051
Randy Nolfo - Lead Sewer Maintenance Worker	9513774051
Randy Nolfo (Lead Sewer)	9513774051
Randy Nolfo Lead Sewer Maint.	9513774051
Randy Nolfo - Lead Sewer Maintenance	9513774051

8SSO10564	Active	775587 Mark Wiley	Certified
8SSO10564	Active	775939 Mark Wiley	Certified
8SSO10564	Active	779806 Mark Wiley	Certified
8SSO10564	Active	781611 Mark Wiley	Certified
8SSO10564	Active	787419 Mark Wiley	Certified
8SSO10564	Active	787655 Mark Wiley	Certified
8SSO10564	Active	787668 Mark Wiley	Certified
8SSO10564	Active	787981 Mark Wiley	Certified
8SSO10564	Active	798945 Mark Wiley	Certified
8SSO10565	Active	645392 Rudy Fandel	Certified
8SSO10565	Active	647040 Rudy Fandel	Certified
8SSO10565	Active	647045 Rudy Fandel	Certified
8SSO10565	Active	647100 Rudy Fandel	Certified
8SSO10565	Active	647101 Rudy Fandel	Certified
8SSO10565	Active	647136 Rudy Fandel	Certified
8SSO10565	Active	647862 Rudy Fandel	Certified
8SSO10565	Active	648536 Thomas Moody	Certified
8SSO10565	Active	649939 Thomas Moody	Certified
8SSO10565	Active	649940 Thomas Moody	Certified
8SSO10565	Active	651154 Rudy Fandel	Certified
8SSO10565	Active	651489 Thomas Moody	Certified
8SSO10565	Active	651861 Thomas Moody	Certified
8SSO10565	Active	656533 Rudy Fandel	Certified
8SSO10565	Active	657622 Rudy Fandel	Certified
8SSO10565	Active	658003 Rudy Fandel	Certified
8SSO10565	Active	658036 Rudy Fandel	Certified
8SSO10565	Active	705264 Rudy Fandel	Certified
8SSO10565	Active	705933 Rudy Fandel	Certified
8SSO10565	Active	706077 Rudy Fandel	Certified
8SSO10565	Active	711058 Rudy Fandel	Certified
8SSO10565	Active	711198 Thomas Moody	Certified
8SSO10565	Active	712497 Rudy Fandel	Certified
8SSO10565	Active	712707 Rudy Fandel	Certified
8SSO10565	Active	713053 Rudy Fandel	Certified
8SSO10565	Active	714695 Rudy Fandel	Certified
8SSO10565	Active	716625 Thomas Moody	Certified
8SSO10565	Active	717063 Rudy Fandel	Certified
8SSO10565	Active	717148 Rudy Fandel	Certified
8SSO10565	Active	717640 Rudy Fandel	Certified
8SSO10565	Active	718707 Rudy Fandel	Certified
8SSO10565	Active	721979 Rudy Fandel	Certified
8SSO10565	Active	724541 Rudy Fandel	Certified
8SSO10565	Active	726516 Rudy Fandel	Certified
8SSO10565	Active	730717 Rudy Fandel	Certified
8SSO10565	Active	731124 Rudy Fandel	Certified
8SSO10565	Active	731125 Rudy Fandel	Certified
8SSO10565	Active	732244 Rudy Fandel	Certified
8SSO10565	Active	733926 Thomas Moody	Certified
8SSO10565	Active	738314 Lyndy Lewis	Certified
8SSO10565	Active	739015 Lyndy Lewis	Certified
8SSO10565	Active	739937 Thomas Moody	Certified
8SSO10565	Active	744230 Lyndy Lewis	Certified
8SSO10565	Active	745594 Lyndy Lewis	Certified
8SSO10565	Active	751234 Thomas Moody	Certified
8SSO10565	Active	752027 Lyndy Lewis	Certified

Water Operations Manager
Water Operations Manager
Water Operations Manager
Water Operations Manager
Water Operations Manager
Water Operations Manager
Water Operations Manager
Utilities Operations Manager
Regulatory Compliance Manager
Regulatory Compliance Manager
Regulatory Compliance Manager
Regulatory Compliance Manager
Regulatory Compliance Manager
Regulatory Compliance Manager
Operations Manger
Operations Manager
Operations Manager
Regulatory Compliance Manager
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Regulatory Compliance Manager
Regulatory Compliance Supervisor
Regulatory Compliance Supervisor
Operations Manager
Regulatory Compliance Supervisor
Regulatory Compliance Supervisor
Operations Manager
Regulatory Compliance Supervisor

City of Upland		667785
City of Upland		282785
Upland		932253
Upland, CA		851217
Upland		893371
Upland, CA		295022
Upland, CA		189784
Upland		407181
1370 N. Benson Avenue, Upland CA 91786		633034
400 S. Vicentia Avenue Corona, CA 92882		464651
400 South Vicentia Avenue Corona, Ca 92882		749324
400 South Vicentia Avenue Corona, CA 92882		543960
400 South Vicentia Avenue Corona, CA 92882		398491
400 South Vicentia Avenue Corona, CA 92882		482507
400 South Vicentia Avenue Corona, CA 92882		609242
400 South Vicentia Avenue Corona, CA 92882		369321
	905	192387
	948	980278
	950	298367
400 South Vicentia Avenue Corona CA 92882		341769
	1008	167980
	927	775928
730 Corporation Yard Way Corona, CA 92880		956835
730 Corporation Yard Way Corona, CA 92880		561982
730 Corporation Yard Way Corona, CA 92880		745587
730 Corporation Yard Way Corona, CA 92880		405048
	8:18 AM	776429
730 Corporation Yard Way Corona, CA 92880		627193
730 Corporation Yard Way Corona, CA 92880		868607
730 Corporation Yard Way Corona, CA 92880		958377
	914	756827
730 Corporation Yard Way Corona, CA 92880		606085
730 Corporation Yard Way Corona, CA 92880		399058
730 Corporation Yard Way Corona, CA 92880		240111
730 Corporation Yard Way Corona, CA 92880		928003
	942	824509
755 Corporation Yard Way Corona, CA 92880		222755
755 Coropration Yard Way Corona, CA 92880		518015
755 Corporation Yard Way Corona, CA 92880		743872
755 Corporation Yard Way Corona, CA 92880		219090
	11:20 AM	933211
755 Corporation Yard Way Corona, CA 92880		962154
755 Corporation Yard Way Corona, CA 92880		837077
755 Corporation Yard Way Corona, CA 92880		650017
755 Corporation Yard Way Corona, CA 92880		903718
755 Corporation Yard Way Corona, CA 92880		268111
755 Corporation Yard Way Corona, CA 92880		249607
	955	532052
	3:57 PM	659392
	4:36 PM	622641
	1009	858525
Corona, 2:44 pm		508825
	4:47 PM	852702
	1029	291580
	4:59 PM	615560

9-Jan-12	1/9/2012	9-Jan-12	1/9/2012
17-Jan-12	1/17/2012	17-Jan-12	1/17/2012
9-Apr-12	4/9/2012	9-Apr-12	4/25/2012
24-May-12	5/24/2012	24-May-12	5/24/2012
22-Oct-12	10/22/2012	22-Oct-12	10/22/2012
29-Oct-12	10/29/2012	29-Oct-12	10/29/2012
29-Oct-12	10/29/2012	29-Oct-12	10/29/2012
12-Nov-12	11/12/2012	12-Nov-12	11/12/2012
23-Sep-13	9/23/2013	23-Sep-13	9/23/2013
10-Jan-07		11-Jan-07	1/11/2007
14-Feb-07		14-Feb-07	2/14/2007
14-Feb-07		14-Feb-07	2/14/2007
16-Feb-07		20-Feb-07	2/20/2007
16-Feb-07		20-Feb-07	2/20/2007
20-Feb-07		20-Feb-07	2/20/2007
12-Mar-07		14-Mar-07	3/14/2007
28-Mar-07		29-Mar-07	2/7/2011
30-Apr-07		24-Jan-11	1/24/2011
30-Apr-07		24-Jan-11	1/24/2011
31-May-07		6-Jun-07	6/6/2007
7-Jun-07		11-Jun-07	1/24/2011
14-Jun-07		19-Jun-07	2/7/2011
29-Aug-07		29-Aug-07	8/29/2007
18-Sep-07		18-Sep-07	9/18/2007
25-Sep-07		26-Sep-07	9/26/2007
26-Sep-07		26-Sep-07	9/26/2007
15-Oct-07		15-Oct-07	10/17/2007
22-Oct-07		6-Nov-07	11/6/2007
23-Oct-07		23-Oct-07	10/23/2007
10-Jan-08		10-Jan-08	1/10/2008
14-Jan-08		16-Jan-08	2/7/2011
6-Feb-08		6-Feb-08	2/6/2008
11-Feb-08		11-Feb-08	2/11/2008
19-Feb-08		19-Feb-08	2/19/2008
10-Mar-08		18-Mar-08	3/18/2008
28-Apr-08		28-Apr-08	2/7/2011
7-May-08		8-May-08	5/8/2008
9-May-08		13-May-08	5/13/2008
20-May-08		20-May-08	5/20/2008
3-Jun-08		5-Jun-08	6/5/2008
10-Jul-08		10-Jul-08	7/10/2008
12-Aug-08		12-Aug-08	8/12/2008
18-Sep-08		22-Sep-08	9/22/2008
18-Dec-08		22-Dec-08	12/22/2008
29-Dec-08		30-Dec-08	12/30/2008
29-Dec-08		30-Dec-08	12/30/2008
22-Jan-09		23-Jan-09	1/23/2009
20-Feb-09		25-Feb-09	2/7/2011
1-Jun-09		3-Jun-09	6/3/2009
11-Jun-09		17-Jun-09	6/17/2009
25-Jun-09		25-Jun-09	2/7/2011
3-Sep-09		3-Sep-09	9/3/2009
14-Oct-09		16-Oct-09	10/16/2009
1-Apr-10		14-Apr-10	2/7/2011
28-Apr-10		28-Apr-10	4/28/2010

Category 3		375	375
Category 3		900	900
Category 2		2250	2250
Category 3		225	225
Category 3		30	0
Category 3		420	300
Category 3		750	0
Category 2		1607	1607
Category 3	875	875	875
Category 1		3000	2513
Category 3		584	
Category 3		840	
Category 3		700	
Category 3		300	
Category 3		24	
Category 1		1000	500
Category 2		1161	1161
Category 3		105	105
Category 3		158	158
Category 1		239760	239260
Category 2		86000	4360
Category 2		10000	10000
Category 3		50	50
Category 3		36	36
Category 1		800	300
Category 3		600	600
Category 1		805	100
Category 3		100	100
Category 3		560	560
Category 3		200	200
Category 2		2520	2520
Category 3		150	150
Category 3		200	200
Category 3		100	100
Category 2		24500	24500
Category 1		4160	4160
Category 3		10	10
Category 1		200	50
Category 3		100	100
Category 2		2992	2992
Category 3		15	0
Category 3		250	250
Category 2		3500	3500
Category 3		50	50
Category 3		20	20
Category 3		15	15
Category 3		300	200
Category 1		200	100
Category 1		950	800
Category 2		1119	1119
Category 1		1200	1200
Category 3		140	0
Category 1		560	360
Category 1		268	183
Category 3		975	0

0 No	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
487 Yes	No
No	No
No	No
No	No
No	No
No	No
500 Yes	No
0 No	Yes
No	No
No	No
500 Yes	Yes
0 No	No
0 No	Yes
0 No	No
No	No
500 Yes	Yes
No	No
705 Yes	Yes
No	No
No	No
No	No
0 No	Yes
No	No
No	No
No	No
0 No	No
500 Yes	Yes
0 No	No
150 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
100 No	Yes
150 Yes	Yes
0 No	Yes
400 Yes	Yes
0 No	No
200 Yes	Yes
85 No	Yes
0 No	No

Yes
Yes
No
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Yes
Yes
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach storm drainpipe

715 N. Mountain Avenue
656 Spruce Ave.
1162 Quince Avenue, Upland CA 91786
370 North Mountain Avenue
Intersection of North Grove Avenue and East Foothill Blvd.
715 N. Mountain Avenue, in alley w/o address
1448 N. Euclid Avenue, in alley behind residence
1376 Maxwell Lane
312 Spencer Avenue, Upland, CA 91785
Corporation Yard
Camelot Drive
Acacia Street
North Cota & Rincon
South Main & Ontario
North Cota & Rincon II
On Cota Street and in easement along flood control channel.
Main and Rincon
Foothill & Teddy Bear (I)
Foothill & Teddy Bear (II)
Smith and Pleasant View
WWTP No. 3
Lincoln and Ninth
Plant 1
2940 Wilderness Circle
D Street
Private Lift Station
North Cota Street (Between Temescal Channel and Rincon)
8th Street (Between Buena Vista and Harris)
Adrienne Drive and Carolwood Drive
Wastewater Treatment Plant No. 2
Ellington Drive
405 and 407 Victoria Avenue
7th Street and Howard
9th Street
Smith - Rincon Liftstation
Lincoln and Willowcreek
Wild Turkey
Temescal Canyon Road
955 S. Sherman Avenue
Olive and Belle
1051 East Grand
122 E. Olive Street
Avenida Del Vista & Red Dawn View
1051 E. Grand Blvd
524 E. 3rd Street
528 E. 3rd Street
SDO Lift Station 3851 Palisades
765 Via Blairo
402 6th Street
5th Street
Lincoln & Fallbrook
SDO Water Treatment Plant
1128 E. Sixth St.
760 Via Blairo
301 South Howard

34.10210389	-117.6705694 San Bernardino
34.10185958	-117.6687053 San Bernardino
34.10953051	-117.6550984 San Bernardino
34.09812159	-117.6697245 San Bernardino
34.10694548	-117.6297247 San Bernardino
34.10236596	-117.6706901 San Bernardino
34.11599273	-117.6503402 San Bernardino
34.09108713	-117.6747966 San Bernardino
34.09011199	-117.6747376 San Bernardino
33.888036	117.573583 Riverside
33.868461	117.59585 Riverside
33.868303	117.548964 Riverside
33.889369	117.570117 Riverside
33.855544	117.569461 Riverside
33.889369	117.570117 Riverside
33.890753	117.569183 Riverside
33.886589	-117.564497 Riverside
33.831136	117.537469 Riverside
33.831136	117.537469 Riverside
33.880556	117.594167 Riverside
33.821944	117.507222 Riverside
33.874167	-117.583611 Riverside
33.891933	117.609378 Riverside
33.8671	117.628394 Riverside
33.88	-117.584 Riverside
33.895	-117.563 Riverside
33.89072287	-117.5693433 Riverside
33.874722	117.58 Riverside
33.86204225	-117.6016403 Riverside
33.88223215	-117.555669 Riverside
33.911175	-117.588589 Riverside
33.87678303	-117.5637458 Riverside
33.87386983	-117.5622122 Riverside
33.87181754	-117.5625245 Riverside
33.90034491	-117.5872922 Riverside
33.89577635	-117.5766499 Riverside
33.88739036	-117.5997663 Riverside
33.82586109	-117.5114209 Riverside
33.87406953	-117.5890693 Riverside
33.86823128	-117.5703419 Riverside
33.86969102	-117.5628508 Riverside
33.867678	117.566589 Riverside
33.856756	117.60735 Riverside
33.869478	117.562828 Riverside
33.877222	117.593056 Riverside
33.8775	117.559722 Riverside
33.881597	117.640208 Riverside
33.897222	-117.5525 Riverside
33.87563941	-117.5704595 Riverside
33.877778	-117.578333 Riverside
33.89569155	-117.5766695 Riverside
33.867222	-117.628056 Riverside
33.874281	-117.551414 Riverside
33.89702054	-117.553828 Riverside
33.87769986	-117.5625965 Riverside

Spill coming from manhole in alley west of address and behind address.

In alley to the west of address
Manhole in front of address.

In alley, west of address
In alley east of the residence.

Manhole in front of 312 Spencer Avenue, Upland 91785
Parking area for the City of Corona Temescal Desalter.
In courtyard/grassy area of a condo complex located on Camelot Drive.
Blockage in City sewer line caused sewage to spill out of residence's clean out at 1145 Acacia Street.

Main Street just South of Ontario

Spill was on Cota Street and in the easement along flood control channel just off Cota Street.
Sewer spill from three man holes on Rincon and Main Street

This was a private lift station (on the border of Norco and Corona) whose sewage pumps to the City of Norco, however, th

Manhole in WWTP

Manhole #2415 near Smith / Rincon Liftstation

ie overflow spilled onto the streets wtihir

Manhole
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Manhole
Manhole
Manhole
Gravity Mainline;Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Force main or pressure sewer
Manhole
Manhole
Pump station
Manhole
Other (specify)
Manhole
Manhole
Manhole
Building or structure
Other (specify)
Manhole
Manhole
Manhole
Manhole
Force main or pressure sewer
Manhole
Gravity sewer
Building or structure
Other (specify)
Manhole
Building or structure
Building or structure
Building or structure
Pump station
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)

Water leaking from Manhole

N/A

Residence's clean out.

Wastewater Treatment Plant No. 3 Headworks

The spill appeared out of two manholes, manhole no. 5761 and 3818.
Clean out

Resident's cleanout

Cleanout

MH #5287

Manhole #5032

Residential Clean out

Street/curb and gutter
Combined storm drain (combined CS only);Street/curb and gutter
Other (specify below)
Other (specify below)
Other paved surface
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Other (specify below)
Surface water;Other (specify below)
Other (specify below)
Other paved surface;Other (specify below)
Street/curb and gutter
Street/curb and gutter
Other paved surface
Street/curb and gutter;Surface water
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other (specify below)
Other (specify below)
Separate storm drain;Street/curb and gutter
Unpaved surface
Other paved surface
Storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Other paved surface;Storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Other paved surface;Street/curb and gutter;Other (specify below)
Street/curb and gutter
Separate storm drain;Street/curb and gutter;Unpaved surface
Building or structure
Building or structure;Other paved surface;Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain;Street/curb and gutter
Other paved surface
Unpaved surface;Other (specify below)
Street/curb and gutter
Other (specify below)
Building or structure
Other (specify below)
Other paved surface;Storm drain
Building or structure
Building or structure
Building or structure
Unpaved surface
Separate storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter;Surface water
Other paved surface;Storm drain;Street/curb and gutter
Other paved surface;Separate storm drain;Street/curb and gutter
Other paved surface
Storm drain;Street/curb and gutter;Surface water
Other paved surface;Separate storm drain;Street/curb and gutter
Other (specify below)

Spill went into a storm water catch basin where it was vacuumed out and returned to sanitary sewer.

Final destination of this spill is a groundwater recharge area. The spill infiltrated the surface upon arrival.

Spill entered storm drain collector and was vactored from collector and reintroduced to sanitary sewer.

The spill was not severe, approx. 30 gallons, it evaporated rather quickly with all the traffic.

The flow settled in alley, then was vacuumed and returned to sewer, it was a warm day, alot of the spill evaporated from t

the spill was captured and returned to the sanitary sewer system.

Spill recovered from storm drain catch basin and and returned to sewer.

487 gallons went to open drainage channel and 2513 gallons was pumped back into City of Corona sanitary sewer.

Spill was contained in driveway and courtyard/grassy area of the condo complex. All sewage was contained and returnec

Sewage was contained to residence's property, City sidewalk and street around residence's property. All sewage was retu

The spill came out of the manhole and into the street. However, it was immediately discovered and put back into the san

All sewage and wash water was returned to the sanitary sewer system

The spill did enter the storm drain, however, two sandbag walls were built in an open drainage channel just over 1.5 miles

Portion of the spill pumped up by vactor trucks and discharged back into the sanitary sewer. Remaining portion of the sp

All of spill was contained, vaccumed up and returned to sanitary sewer.

Spill did not enter any storm drains.

Spill was contained to a paved parking/storage lot.

On dirt covered ground and potentially to Temescal Creek.

The spill was contained to a trench that was in the street and pumped back into the sanitary sewer.

From toilet and shower drain in house and on the ground in grass in the back yard.

Spill percolated into the ground.

Although half of the overflow was not recovered, the small amount that entered the storm drain that was not recovered ne

The spill only reached the street surface and evaporated, there was nothing to collect.

While a portion of the spill entered a storm drain pipe, most of it stayed/evaporated on the street & gutter. Assuming that

The spill was confined to the resident's yard for which it soaked into, and did back up from the plumbing into their home a

1/9/2012 12:45	1/9/2012 13:00	1/9/2012 13:05	1/9/2012 13:10
1/14/2012 9:30	1/14/2012 10:00	1/14/2012 10:20	1/14/2012 10:30
4/9/2012 10:15	4/9/2012 10:36	4/9/2012 11:15	4/9/2012 11:30
5/23/2012 15:20	5/23/2012 15:35	5/23/2012 15:50	5/23/2012 16:05
10/22/2012 12:40	10/22/2012 12:45	10/22/2012 13:00	10/22/2012 13:05
10/24/2012 11:30	10/24/2012 11:44	10/24/2012 11:50	10/24/2012 11:57
10/28/2012 8:30	10/28/2012 9:00	10/28/2012 9:45	10/28/2012 11:00
11/12/2012 8:30	11/12/2012 9:30	11/12/2012 9:45	11/12/2012 10:15
9/21/2013 2:30	9/21/2013 2:35	9/21/2013 2:45	9/21/2013 3:05
1/9/2007 8:50	1/9/2007 8:53	1/9/2007 8:55	1/9/2007 9:00
2/10/2007 9:30	2/10/2007 10:00	2/10/2007 10:30	2/10/2007 11:45
2/9/2007 19:13	2/9/2007 19:13	2/9/2007 19:25	2/9/2007 21:20
2/2/2007 15:30	2/2/2007 15:30	2/2/2007 15:45	2/2/2007 16:40
2/4/2007 10:00	2/4/2007 10:00	2/4/2007 10:05	2/4/2007 11:00
2/3/2007 13:00	2/3/2007 13:00	2/3/2007 13:00	2/3/2007 13:08
3/10/2007 12:00	3/10/2007 12:10	3/10/2007 12:10	3/10/2007 13:00
3/27/2007 9:45	3/27/2007 9:45	3/27/2007 10:10	3/27/2007 10:30
4/21/2007 18:30	4/21/2007 18:30	4/21/2007 18:35	4/21/2007 19:00
4/22/2007 8:30	4/22/2007 8:30	4/22/2007 8:35	4/22/2007 9:15
5/28/2007 13:30	5/28/2007 11:30	5/28/2007 11:45	5/28/2007 19:30
6/5/2007 7:00	6/5/2007 10:30	6/5/2007 10:30	6/5/2007 10:35
6/13/2007 12:50	6/13/2007 13:00	6/13/2007 13:05	6/13/2007 13:10
8/6/2007 9:30	8/6/2007 9:30	8/6/2007 9:30	8/6/2007 9:40
8/30/2007 9:30	8/30/2007 9:30	8/30/2007 9:30	8/30/2007 9:33
9/24/2007 15:00	9/24/2007 15:00	9/24/2007 15:10	9/24/2007 17:00
9/23/2007 8:04	9/23/2007 8:14	9/23/2007 8:39	9/23/2007 8:44
10/14/2007 16:23	10/14/2007 16:23	10/14/2007 16:30	10/14/2007 17:30
10/10/2007 18:00	10/10/2007 18:00	10/10/2007 18:30	10/10/2007 18:10
10/21/2007 9:45	10/21/2007 9:45	10/21/2007 10:00	10/21/2007 11:05
12/28/2007 17:45	12/28/2007 17:45	12/28/2007 17:45	12/28/2007 17:55
1/12/2008 13:20	1/12/2008 13:20	1/12/2008 13:25	1/12/2008 14:10
1/24/2008 14:00	1/24/2008 14:10	1/24/2008 14:15	1/24/2008 15:30
1/28/2008 15:00	1/28/2008 15:00	1/28/2008 15:15	1/28/2008 15:40
1/25/2008 11:30	1/25/2008 11:30	1/25/2008 11:35	1/25/2008 12:30
3/8/2008 7:00	3/8/2008 4:20	3/8/2008 5:30	3/8/2008 10:20
4/27/2008 9:45	4/27/2008 9:45	4/27/2008 10:00	4/27/2008 11:20
4/25/2008 8:30	4/25/2008 8:45	4/25/2008 9:10	4/25/2008 9:20
5/8/2008 8:00	5/8/2008 9:00	5/8/2008 9:15	5/8/2008 9:15
5/1/2008 14:50	5/1/2008 15:15	5/1/2008 15:20	5/1/2008 15:50
6/2/2008 10:00	6/2/2008 10:00	6/2/2008 10:15	6/2/2008 11:50
6/15/2008 9:00	6/15/2008 15:20	6/15/2008 15:40	6/15/2008 9:15
8/9/2008 7:30	8/9/2008 7:30	8/9/2008 7:30	8/9/2008 8:30
9/17/2008 18:45	9/17/2008 19:45	9/17/2008 20:00	9/17/2008 19:45
12/9/2008 9:06	12/9/2008 9:06	12/9/2008 9:22	12/9/2008 9:30
12/22/2008 15:30	12/22/2008 15:20	12/22/2008 15:35	12/22/2008 15:35
12/22/2008 15:30	12/22/2008 15:20	12/22/2008 15:35	12/22/2008 15:35
1/7/2009 13:30	1/7/2009 13:30	1/7/2009 13:30	1/7/2009 13:31
2/20/2009 8:47	2/20/2009 8:47	2/20/2009 9:10	2/20/2009 10:00
5/31/2009 21:00	5/31/2009 21:05	5/31/2009 21:15	5/31/2009 22:35
6/10/2009 21:00	6/10/2009 21:00	6/10/2009 21:30	6/10/2009 22:45
6/23/2009 22:00	6/23/2009 22:05	6/23/2009 22:10	6/23/2009 22:52
7/29/2009 17:30	7/29/2009 17:30	7/29/2009 17:30	7/29/2009 17:45
10/12/2009 9:30	10/12/2009 9:30	10/12/2009 9:40	10/12/2009 10:05
4/1/2010 7:08	4/1/2010 7:08	4/1/2010 7:15	4/1/2010 7:30
3/24/2010 15:45	3/24/2010 17:05	3/24/2010 17:10	3/24/2010 18:15

Debri-Rags
Debri-General
Debri-Rags
Grease deposition (FOG)
Debri-Rags
Debri-Rags
Debri-Rags
Debri-Rags
Debris-Rags
Other (specify below)
Root intrusion
Debris
Grease deposition (FOG)
Debris
Other (specify below)
Debris
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Root intrusion
Other (specify below)
Vandalism
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Debris
Other (specify below)
Pump station failure
Debri-General
Debris
Other (specify below)
Other (specify below)
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Debri-Rags
Grease deposition (FOG)
Root intrusion

N/A

Operator error.

A big chunk of asphalt was found to have blocked the sewer line.

The City contractor was jetting the sewer line in response to the SSO that occurred the day before at that exact location. 1

The City has been conducting tracer studies per California Dept. of Health Services on the remodeled chlorine contact basin. The City has been conducting tracer studies per California Dept. of Health Services on the remodeled chlorine contact basin. Debris, appeared to be broken off manhole shelf.

Drum screen no. 2 drive belt broke at some point and the drum rotation sensor was not working properly. The sensor showed

Construction - Line hit by backhoe.

No power to lift station. Electrical breaker was switched off.

The spill cause appears to have been caused by heavy grease deposited in the sewer lines. The backup happened upstream of Blockage

Overflow was caused by debris and grease build up that created a blockage in the sewer lines.

Maintenance staff was working on site and the scum line foamed up due to their work on the secondary clarifiers. Staff in the overflow was caused by a large rock (approx. 24" long by 16" high) that blocked the sewer main in Manhole No. 2314

There was a blockage downstream in main sewer line and sewage backed up and came out of one residents clean out. Grease and roots in sewer main.

The pump mechanical seal blew causing the breaker to trip and the lift station to lose power.

The spill was caused by a line break. A fencing company was installing a fence post, and unaware that there was a pressurized line. There were multiple causes of the SSO. It appears that someone put debris in the sewer line that included, rebar and hair. The spill was caused when a storm drain contractor that was excavating for storm drain installation, broke an 18" VCP sewer

Blockage. Residents contractor was cleaning the house sewer lateral, the debris was pushed into City sewer line causing the spill. The actual cause is unknown. The discharge stopped prior to arrival. Head pressure pushed the blockage through. Correction: Partial blockage in City sewer caused by roots. Customers check valve on their lateral was previously damaged by their contractor. City contractor Innerline was cleaning sewer main behind the home and back pressure from the flushing caused the spill. City contractor Innerline was cleaning sewer main behind the home and back pressure from the flushing caused the spill. The 6 inch hose band separated from the cam lock fitting on the discharge side of the pump. The pump was immediately

Grease and Debris

During the backwash procedure the backwash waste over filled the surge basin and discharged to the sewer line which resulted in a spill. There was a PVC pipe stuck in the sewer line and rags wrapped around the pipe until it clogged the sewer line. Additionally, The overflow was deemed to be caused by grease in the inlet to lift station that was caused by contractor jetting the lines and

Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline

The jetting of the line caused the manhole down

Main
sin at WWTP 3 and needed to bypass wastewa
sin at WWTP 3 and needed to bypass wastewa

uld have indicated a drum screen no rotation fa
Main

ream of the siphon. However, the spill was not

Immediately noticed the manhole was overflowing
Main

Main

Main

Main

Main
Main

N/A

stream of it to overflow.

ter to WWTP 2. The line that overflowed was the bypass line which is a mixture of WAS and wastewater. After investigation to WWTP 2. The line that overflowed was the bypass line which is a mixture of WAS and wastewater. After investigation failure alarm but it did not. The drum screen became plugged and the influent raw sewage overflowed the drum screen and

caused by accumulation of grease and debris in the siphon, as in previous overflows in this area, as a permanent flushing and going out into the street. They were able to stop the overflow and contain the spill in the street before any of the over

The overflow was deemed to be caused by grease in the inlet to lift station that was caused by contractor jetting the lines and

No

6 Clay

tion the week after, it was fou
tion the week after, it was fou

I flowed onto the ground. Th

10 VCP

8 VCP

I mechanism was recently in:

erflow could enter a storm dr

uring routine maintenance e:

Flushed and chlorinated drain conduit distributing water to recharge area.

Removed roots and debris from manhole. Sewer line was jetted, and further cleaning and maintenance was performed on sewer backup from grease. Crews came out and sandbagged gutters before spill could reach any storm drains or channels. The spill was immediately observed and jetting of the line was stopped. The spill was contained with sandbags, area was

The operator arrived at 11:45 am to find minor flow out of the manhole that formed a puddle in the street. At that time the operator discovered the overflow, the flow was immediately stopped. The City's contracting vacuum trucks were called in

After the crews arrived on the scene, they began to sandbag the storm drain and plugged manhole no. 3261 with redwood. The power was turned back on and the lift station began to function properly once again.

Upon arrival, stand-by immediately called out two vacuum trucks and two pumping trucks to respond to the spill. When it was

Debris was removed and the line was jetted. Two containment areas were set up and all sewage and wash water was recycled. By the time crews arrived on scene, the customers had already cleaned up the overflow from their toilet. Crews observed the spill stopped before crews arrived correcting itself. Crew washed down street and flushed out concrete swale and storm

Once City crews were onsite, they immediately sandbagged the area to prevent any more of the SSO from entering the street.

No flow entered the gutter or storm drains. Evaporated from street surface. City crews onsite immediately sandbagged the storm drain channel just downstream of the overflow. The vacuum truck then

When the line was videoed it was determined that a root was blocking the mainline. The resident had called a plumber who

4/9/2012 15:00

11/12/2012 1:00

1/9/2007 10:00

3/10/2007 14:30

3/27/2007 11:30

5/29/2007 16:00

6/5/2007 18:00

6/13/2007 15:15

9/24/2007 18:15

10/14/2007 18:30

1/12/2008 17:00

3/10/2008 14:00

4/27/2008 13:30

5/8/2008 12:00

6/4/2008 22:00

9/17/2008 22:31

2/20/2009 11:00

5/31/2009 23:15

6/11/2009 1:00

6/24/2009 3:30

10/12/2009 12:15

4/1/2010 8:40

Adjusted schedule/method of preventive maintenance;Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Added sewer to preventive maintenance program

Other (specify below)

Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Other (specify below)

Added sewer to preventive maintenance program;Other (specify below)

Added sewer to preventive maintenance program;Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program

Repaired sewer

Repaired sewer;Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Repaired sewer

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic

Will canvas neighborhood with letters addressing what can and cannot be flushed.

Spill was due to operator error, forgot to open a gate to City's percolation ponds and thus flow from Wastewater Plant had

A valve has been installed which will allow cleaning crews to flush system with high pressured water on a regular basis. A
The area will also be hydraulicay flushed and the sewer line around that area will be videoed.

Televising of the line did not reveal anything out of the ordinary and the trunk line was in good condition. However, the sp
By 6:00 pm on the day of the spill, the vacator trucks had pumped up all the puddles that they could in the sports field. Ad

The site, as well as surrounding area, will be hydro-flushed and videoed by CCTV. Due to the amount of grease build up

The area will be hydro flushed again and visually inspected. Due to the problems that the City has had with the siphon, th

The main line will be flushed and CCTV's. The manholes have also been re-set with bolt on covers to prevent future van

Installed back up pump from warehouse. Repaired and dried out failed pumps and returned to service on the same day.

Contractor has repaired the broken sewer line and additionally, the construction company that broke the sewer line were v

Flushed a radius of 1,000 feet around spill area. Area will be watched to determine if additional maintenance will be nece

The line was flushed and vactored and the area surrounding the spill was cleaned as well.

Hydrojetting of the sewer lines in the entire area will take place over the entire week.

This area was hydroflushed and televised, which confirmed that the blockage was due to excessive grease build up. This

The overflow was mainly caused by the PVC pipe and rags. This type of vandalism is hard to prevent but the City does h

The City has put it's contractor on notice that any cleaning and/or jetting of lines near any of it's lift stations, need to first b

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

Discharge was secondary treated effluent water from City Wastewater Treatment Plant No.2. No debris and no chlorine re

City staff was able to recover all of the flow that entered into the drainage channel. There was no impact to receiving water

Note; The spill never reached receiving water. The swale that is referred to is actually concrete lined. From the concrete s

No

No

No

No

No

No

Yes

No

No

No

No

Yes

No

No

No

Yes

No

No

No

No

No

No

N/A

N/A

NA

N/A
n/a

n/a
NA
NA

NA

NA

NA

NA
N/A

NA

N/A

NA

NA
N/A
NA
N/A

NA
NA

None
None
N/A
N/A
N/A
N/A
N/A
N/A

Temescal Creek

Santa Ana River
n/a

Prado Basin Management Zone Wetlands
NA
NA

Temescal Wash

Temescal Creek lined channel that eventually flows to the Santa Ana River.

NA

NA
South Norco open drainage channel. All flow was recovered from this drainage channel.

Temescal Creek

N/A

NA

N/A
Storm water channel that drains to Temescal Creek
NA
South Norco open drainage channel. All flow was recovered from this drainage channel. No impact

Santa Ana River
NA

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

No water quality samples taken
Not applicable to this spill

No water quality samples taken
Biological indicator(s) - specify below
Not applicable to this spill

No water quality samples taken

No water quality samples taken

Not applicable to this spill

Not applicable to this spill
Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Not applicable to this spill
No water quality samples taken
Not applicable to this spill
Not applicable to this spill

No water quality samples taken
Not applicable to this spill

E.Coli

None of the above

Not applicable to this spill

No water quality samples taken

None of the above

Not applicable to this spill

No water quality samples taken

County Health Agency;Regional Water Quality Control Board

Not applicable to this spill

No water quality samples taken

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Not applicable to this spill

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Not applicable to this spill

Sample results will be submitted to above mentioned agencies as soon as they are received.

Flow from manhole 25 GPM for a 35 minute duration.

122457 4/25/2012 7:56

126851 11/12/2012 13:06

70167 1/9/2007 9:33

71543 3/10/2007 14:55

71941 3/27/2007 11:10

73244 5/28/2007 19:40

73413 6/5/2007 11:56

73573 6/13/2007 13:55

75839 9/24/2007 17:45

76269 10/14/2007 16:23

80390 1/12/2008 14:20

819202 3/8/2008 8:10

83064 4/27/2008 10:40

83349 5/8/2008 9:50

83927 6/2/2008 10:30

86804 9/17/2008 20:20

91472 2/20/2009 10:04

94037 5/31/2009 22:00

94278 6/10/2009 22:20

94556 6/23/2009 22:39

96853 10/12/2009 10:09

102121 4/1/2010 8:43

Mark Wiley

9092912945

8SSO10565	Active	752700 Lyndy Lewis	Certified
8SSO10565	Active	753225 Thomas Moody	Certified
8SSO10565	Active	753279 Lyndy Lewis	Certified
8SSO10565	Active	755695 Thomas Moody	Certified
8SSO10565	Active	759862 Tom Moody	Certified
8SSO10565	Active	765038 Pavlova Vitale	Certified
8SSO10565	Active	770995 Thomas Moody	Certified
8SSO10565	Active	776428 Thomas Moody	Certified
8SSO10565	Active	776626 Thomas Moody	Certified
8SSO10565	Active	778250 Thomas Moody	Certified
8SSO10565	Active	782549 Adoga Kiharangwa	Certified
8SSO10565	Active	783371 Adoga Kiharangwa	Certified
8SSO10565	Active	784528 Adoga Kiharangwa	Certified
8SSO10565	Active	787855 Adoga Kiharangwa	Certified
8SSO10565	Active	788357 Tom Moody	Certified
8SSO10565	Active	788818 Adoga Kiharangwa	Certified
8SSO10565	Active	790099 Adoga A. Kiharangwa	Certified
8SSO10565	Active	800890 Adoga Kiharangwa	Certified
8SSO10566	Active	647139	Work In Progress
8SSO10566	Active	647140 Thomas A. Fauth	Certified
8SSO10566	Active	648508 Thomas A. Fauth	Certified
8SSO10566	Active	648882 Thomas A. Fauth	Certified
8SSO10566	Active	649201 Thomas A. Fauth	Certified
8SSO10566	Active	651145 Robin Hamers	Certified
8SSO10566	Active	652368 Robin Hamers	Certified
8SSO10566	Active	656833 Thomas A. Fauth	Certified
8SSO10566	Active	656834 Thomas A. Fauth	Certified
8SSO10566	Active	708251 Thomas A. Fauth	Certified
8SSO10566	Active	711925 Thomas A. Fauth	Certified
8SSO10566	Active	712609 THOMAS A. FAUTH	Certified
8SSO10566	Active	714028 Thomas A. Fauth	Certified
8SSO10566	Active	714029 Thomas A. Fauth	Certified
8SSO10566	Active	715815 Thomas A. Fauth	Certified
8SSO10566	Active	715829 Thomas A. Fauth	Certified
8SSO10566	Active	731038 Thomas A. Fauth	Certified
8SSO10566	Active	731212 Thomas A Fauth	Certified
8SSO10566	Active	731847 Thomas A. Fauth	Certified
8SSO10566	Active	732652 Thomas A. Fauth	Certified
8SSO10566	Active	732657 Thomas A. Fauth	Certified
8SSO10566	Active	733132 Thomas A. Fauth	Certified
8SSO10566	Active	752338 Thomas A. Fauth	Certified
8SSO10566	Active	754269 Thomas A. Fauth	Certified
8SSO10566	Active	755336 Thomas A. Fauth	Certified
8SSO10566	Active	756644 Thomas A. Fauth	Certified
8SSO10566	Active	761617 Robin B. Hamers	Certified
8SSO10566	Active	761793 Robin B. Hamers	Certified
8SSO10566	Active	761794 Robin B. Hamers	Certified
8SSO10566	Active	768354 Robin Hamers	Certified
8SSO10566	Active	770234 Robin B. Hamers	Certified
8SSO10566	Active	770427 Robin Hamers	Certified
8SSO10566	Active	771538 Robin Hamers	Certified
8SSO10566	Active	778030 Robin Hamers	Certified
8SSO10566	Active	783123 Robin Hamers	Certified
8SSO10566	Active	788442 Robin Hamers	Certified
8SSO10566	Active	789489 Robin Hamers	Certified

Regulatory Compliance Supervisor
Operations Manager
Regulatory Compliance Supervisor
Operations Manager
Operations Manager
Regulatory Compliance Supervisor
Operations Manager
Operations Manager
Operations Manager
Operations Manager
Regulatory Compliance Supervisor
Regulatory Compliance Supervisor
Regulatory Compliance Supervisor
Regulatory Compliance Supervisor
Operations Manager
Regulatory Compliance Supervisor
Regulatory Compliance Supervisor
Regulatory Supervisor

Assistant Manager
Assistant Manager
Assistant Manager
Assistant Manager
District Engineer
District Engineer
Assistant Manager
Assistant Manager
Assistant Manager, CMSD
Assistant Manager
ASSISTANT MANAGER
Assistant Manager
Assistant Manager
Assistant Manager
Assistant Manager, Costa Mesa Sanitary District
Assistant Manager, CMSD
Assistant Manager, CMSD
Assistant Manager, CMSD
Assistant Manager, CMSD
Assistant Manager, CMSD
Assistant Manager, CMSD
Operations Manager
Operations Manager
Operations Manager
Operations Manager
District Engineer
District Engineer/LRO
District Engineer
District Engineer
District Engineer/LRO
District Engineer
District Engineer
District Engineer
District Engineer
District Engineer
District Engineer

	8:05 AM	557083
	1039	253819
	8:17 AM	578329
	1056	475468
	837	628600
City of Corona		449891
	10:08 AM	575880
	1445	143665
	7:49	716976
	16:17	534440
City of Corona		822055
City of Corona		165171
City of Corona		758024
City of Corona		160421
	10:12	395924
Corona		582367
Corona		462824
City of Corona		533164
Costa Mesa Sanitary District		480627
1830hrs		487797
0915hrs Costa Mesa Sanitary District HQ, Costa Mesa, CA 92626		539071
1747hrs, Costa Mesa Sanitary District Headquarters, Costa Mesa, CA 92627		564533
Costa Mesa		891420
Costa Mesa		676409
Costa Mesa Sanitary District HQ, 628 W 19th St, Costa Mesa, CA 92627		762314
Costa Mesa Sanitary District, 628 W 19th St, Costa Mesa, CA 92627		337869
628 W 19th St, Costa Mesa, CA 92627		648708
CMSD Headquarters, 628 West 19th St, Costa Mesa, CA 92627		246168
CMSD HQ, 628 WEST 19 ST, COSTA MESA, CA 92627		188820
CMSD HQ, 628 W 19th St, Costa Mesa, CA 92627		876730
CMSD HQ, 628 W 19th St, Costa Mesa, CA 92627		982657
CMSD HQ, 628 W 19th St, Costa Mesa, CA 92627		813117
CMSD Hq, 628 W 19th St, Costa Mesa, CA 92627		313931
628 W 19th St, Costa Mesa, CA 92627 @ 1414hrs;		222390
628 W 19th Street, Costa Mesa, CA 92627 @ 1456 hours		232069
628 W 19th St, Costa Mesa, CA 92627 @ 1820hrs;		504034
CMSD HQ, 628 W 19th ST, Costa Mesa, CA 92627		361740
CMSD HQ, 628 W 19th St, Costa Mesa, CA 92627		853284
1079 Visalia Drive, Costa Mesa, 92626 @ 1607 hrs;		797519
628 W 19th St, Costa Mesa CA 92627		650482
628 West 19th St, Costa Mesa CA 92627		283698
628 W 19th St, Costa Mesa, CA 92627		748344
628 W 19th St, Costa Mesa, CA 92627		948788
Irvine, CA		255992
Irvine, CA		646134
Irvine, CA		493305
Costa Mesa		664562
Irvine, CA		883204
	8/29/2011	667750
Costa Mesa		640327
Costa Mesa		242843
Costa Mesa		953739
Costa Mesa		265076
Costa Mesa		573148

25-May-10	5/25/2010	1-Jun-10	6/1/2010
9-Jun-10	6/9/2010	15-Jun-10	2/7/2011
10-Jun-10	6/10/2010	16-Jun-10	6/16/2010
3-Aug-10	8/3/2010	9-Aug-10	2/7/2011
27-Dec-10	12/27/2010	4-Jan-11	1/4/2011
4-Apr-11	4/4/2011	5-Apr-11	4/5/2011
13-Sep-11	9/15/2011	19-Sep-11	9/19/2011
26-Jan-12	1/26/2012	26-Jan-12	1/26/2012
30-Jan-12	2/1/2012	2-Feb-12	2/2/2012
1-Mar-12	3/1/2012	1-Mar-12	3/1/2012
27-Jun-12	6/27/2012	27-Jun-12	6/27/2012
11-Jul-12	7/11/2012	11-Jul-12	7/11/2012
1-Aug-12	8/1/2012	2-Aug-12	8/2/2012
5-Nov-12	11/5/2012	7-Nov-12	11/7/2012
26-Nov-12	11/27/2012	6-Dec-12	12/6/2012
6-Dec-12	12/6/2012	17-Dec-12	12/17/2012
10-Jan-13	1/10/2013	17-Jan-13	1/17/2013
20-Nov-13	11/20/2013	25-Nov-13	11/25/2013
20-Feb-07			
20-Feb-07		20-Feb-07	2/20/2007
27-Mar-07		27-Mar-07	3/27/2007
4-Apr-07		4-Apr-07	4/10/2007
10-Apr-07		10-Apr-07	4/10/2007
30-May-07		1-Jun-07	5/2/2011
19-Jun-07		2-May-11	5/2/2011
4-Sep-07		4-Sep-07	9/4/2007
4-Sep-07		4-Sep-07	9/4/2007
27-Nov-07		27-Nov-07	11/27/2007
28-Jan-08		28-Jan-08	1/28/2008
7-Feb-08		7-Feb-08	2/7/2008
26-Feb-08		26-Feb-08	2/26/2008
26-Feb-08		26-Feb-08	2/26/2008
4-Apr-08		4-Apr-08	4/4/2008
4-Apr-08		4-Apr-08	4/4/2008
23-Dec-08		23-Dec-08	12/23/2008
30-Dec-08		30-Dec-08	12/30/2008
13-Jan-09		13-Jan-09	1/13/2009
27-Jan-09			01/27/2009 @ 1615h
27-Jan-09			01/27/2009 @ 1640h
4-Feb-09		4-Feb-09	2/4/2009
12-May-10	5/12/2010	12-May-10	5/12/2010
1-Jul-10	7/1/2010	1-Jul-10	7/1/2010
20-Jul-10	7/20/2010	20-Jul-10	7/20/2010
7-Sep-10	9/7/2010	7-Sep-10	9/7/2010
21-Jan-11	1/21/2011	21-Jan-11	1/21/2011
25-Jan-11	1/25/2011	25-Aug-11	8/25/2011
25-Jan-11	1/25/2011	25-Jan-11	1/25/2011
12-Jul-11	7/12/2011	12-Jul-11	7/12/2011
23-Aug-11	8/23/2011	25-Aug-11	8/25/2011
29-Aug-11	8/29/2011	29-Aug-11	8/29/2011
28-Sep-11	9/28/2011	28-Sep-11	10/14/2011
27-Feb-12	2/27/2012	29-Feb-12	2/29/2012
6-Jul-12	7/6/2012	6-Jul-12	7/13/2012
27-Nov-12	11/27/2012	28-Nov-12	11/28/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012

Category 3		400	400
Category 1		172	0
Category 3		720	720
Category 1		1000	700
Category 1		4800	0
Category 3		700	700
Category 3		50	50
Category 3		5	5
Category 2		1000	1000
Category 3		950	950
Category 3		250	250
Category 3		100	100
Category 3		150	150
Category 1		3600	3100
Category 1		14001	4001
Category 3		200	200
Category 1		1650	1550
Category 2	9000	9000	9000
Category 1		113	94
Category 1		113	94
Category 3		38	0
Category 3		150	
Category 1		122	110
Category 3		4	4
Category 3		50	0
Category 1		200	150
Category 3		20	20
Category 3		45	45
Category 1		113	0
Category 1		55	50
Category 3		20	20
Category 3		450	0
Category 1		2100	300
Category 3		360	0
Category 3		30	30
Category 3		10	10
Category 1		100	0
Category 3		86	0
Category 3		10	10
Category 3		50	50
Category 3		15	15
Category 3		40	0
Category 3		435	435
Category 3		100	50
Category 1		15	5
Category 3		50	0
Category 3		50	0
Category 3		45	45
Category 1		225	110
Category 3		5	5
Category 3		50	50
Category 1		450	400
Category 3		10	5
Category 3		7	7
Category 3		10	10

0 No	No
172 No	Yes
0 No	No
300 Yes	Yes
4800 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
500 Yes	No
10000 Yes	No
0 No	No
100 Yes	No
0 No	No
19 No	Yes
19 No	Yes
0 Yes	Yes
No	No
12 No	Yes
0 No	No
0 No	No
50 No	Yes
0 No	No
No	No
113 No	Yes
5 No	Yes
No	No
0 No	Yes
1800 Yes	Yes
0 No	No
0 No	No
0 No	No
100 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
10 Yes	Yes
0 No	Yes
0 No	Yes
0 No	No
115 Yes	Yes
0 No	No
0 No	No
50 Yes	Yes
0 No	Yes
0 No	No
0 No	No

Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
No
Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe

1443 Mariposa Dr. (Cross street, Del Norte)
813 Alta Vista, Corona, CA 92882
Alley east of S. Victoria Ave.
Blackpine Dr. and Parkridge Ave.
738 Meridian Circle
Intersection of Ontario Ave. and Oak Ave.
Serfas Club Drive
Lincoln Avenue
Smith and Rincon Lift Station
1521 Commerce Street
Malloy Court and Rincon Street
205 Isabella Way
564 Malloy Court
815 River Road
Temescal Canyon_Cajalco
Rincon_Smith
Fallbrook_Lincoln
Parkridge and Harrison
2069 President Place, Costa Mesa, CA 92627
2069 President Place, Costa Mesa, CA 92627
Gisler Pump Station
241 East 19th St, Costa Mesa, CA 92627
2213 American Ave, Costa Mesa, CA 92627
1599 Superior Ave, Costa Mesa, CA 92627
1571 Indus St, Costa Mesa CA 92626
722 West 16th St, Costa Mesa, CA 92627
1599 Superior Ave, Costa Mesa, CA 92627
20291 Cypress St, Costa Mesa, CA 92626
30 Sea Terrace Lane, Costa Mesa, CA 92627
3012 - 3036 Enterprise Ave, Costa Mesa, CA
1939 Sanderling Circle, Costa Mesa CA 92627
2040 President Place, Costa Mesa CA 92627
1875A Newport Blvd, Costa Mesa, CA 92627
2034 President Place, Costa Mesa, CA 92627
2752 San Juan Lane, Costa Mesa, CA 92626
1895 Swan Circle, Costa Mesa, CA 92626
2149 Anniversary Lane, Newport Beach, CA 92660
2702 Bristol Street, Costa Mesa, CA 92626
2831 Bristol Street, Costa Mesa, CA 92626
2149 Anniversary Lane, Newport Beach, CA 92660-3301
1616 Iowa Street, Costa Mesa CA 92626
1021 Sea Breeze Drive, Costa Mesa CA 92627
2037 National Ave, Costa Mesa, CA 92627
1099 Sea Bluff Drive, Costa Mesa, CA 92627
Irvine Pumping Station
Canyon Pumping Station Force Main Break
Canyon Pumping Station Force Main Break
Harbor/Wilson Pump Station
Cypress St.
Sun Juan Ln.
2744 Cardinal
Nutmeg Pl
intersection of Aster Pl. & Lilac Ln.
2225 Raleigh
881 Baker St.

33.88833	-117.54149 Riverside
33.862434	-117.578108 Riverside
33.876684	-117.563683 Riverside
33.890914	-117.560483 Riverside
33.881111	-117.638611 Riverside
33.858761	-117.591689 Riverside
33.87368	-117.61774 Riverside
33.87416	-117.58372 Riverside
33.896558	-117.589828 Riverside
33.885283	-117.594167 Riverside
33.889985	-117.57255 Riverside
33.881483	-117.583478 Riverside
33.890054	-117.572709 Riverside
33.895537	-117.571169 Riverside
33.823819	-117.510082 Riverside
33.896936	-117.590275 Riverside
33.895672	-117.576769 Riverside
33.884536	-117.553325 Riverside
33.64963	117.938064 Orange
33.64963	117.938064 Orange
33.68716	117.93788 Orange
33.639958	117.911954 Orange
33.653844	117.941681 Orange
33.632472	-117.927222 Orange
33.664456	-117.882508 Orange
33.632637	-117.927731 Orange
33.632182	-117.927731 Orange
33.65618	-117.875442 Orange
33.6482	-117.944189 Orange
33.680563	-117.882271 Orange
33.669677	-117.938194 Orange
33.649206	-117.937734 Orange
33.642587	-117.91765 Orange
33.649124	-117.937734 Orange
33.673334	-117.899727 Orange
33.668847	-117.937048 Orange
33.65502	117.881056 Orange
33.673344	117.888735 Orange
33.674607	117.889237 Orange
33.65502	117.881056 Orange
33.688285	-117.921378 Orange
33.6569175	-117.9426385 Orange
33.648173	-117.937147 Orange
33.650337	-117.94518 Orange
33.6563665	-117.8867132 Orange
33.655802	-117.938876 Orange
33.655802	-117.938876 Orange
33.65611	-117.919944 Orange
33.656167	-117.875444 Orange
33.673333	-117.899722 Orange
33.670833	-117.936667 Orange
33.68195	-117.9206 Orange
33.645861	-117.904889 Orange
33.655278	-117.929444 Orange
33.679722	-117.893333 Orange

The spill was in an alley east of S. Victoria Ave., between 4th and 5th.

The spill was at the intersection of W. Ontario Ave. and Oak Ave.; Manhole No. 2835.

Manhole #3333

Manhole 5486

Out of service pump station.

Water was coming from the manhole near the intersection of N. Lincoln Ave. and Fallbrook Dr.

Near and around the cross section of E. Parkridge Ave. and E. Harrison St.

Manhole in front of 2069 President Place

Five pickholes overflowing up to 1/2 inch each from three Manholes near Gisler Pump Station;

District Main Line Manhole in Alley between East 19th St and Flower St behind 241 E 19th St and just west of Westminster

CMSD Main Line Manhole Cover - 1/4 inch ht from 5 Pickholes - intermittent

Manhole Cover in front of Superior Sandwich Shop;

Easement Manhole, Stationing 35 + 64.50 North of 1571 Indus St;

Manhole Cover

Manhole Cover in commercial zone;

Manhole Cover on Cypress Street;

Four pickholes from District ManHole downstream from Sea Bluff Pump Station;

Manhole Cover from District Main Line

Private Lateral Cleanout

Main Line Manhole - Residential Grease partially blocked Main Line;

Main Line Cleanout Lamphole;

ManHole Cover near the Bristol Street & 55 Freeway overpass;

ManHole Cover in the middle of Bristol Street;

Main Line ManHole Cover

SSO flow from private lift station on private property;

Grease and some roots blocked District main line forcing SSO effluent out of five pickholes in a District manhole cover;

Lowest Manhole cover near CMSD Sea Bluff Pump Station;

Clogged air release valve caused wastewater to come out of air release valve.

A small crack developed in the Canyon Pumping Station force main allowing wastewater to be discharged. After the bree

A small crack developed in the Canyon Pumping Station force main allowing wastewater to be discharged. After the bree

manhole connected to pump station

first sewer manhole southerly of Orchard Dr.

sewer out of manhole cover. sewer was up to the rim when popped the cover. stain on pavement

sewer manhole at 2744 Cardinal Dr.

manhole at intersection of Nutmeg Pl. & Deodar Ave.

Spill occurred at sewer manhole at intersection of Aster Pl. and Lilac Ln.

at manhole no. 102284 (sta. 9+90)

spill occurred on private property- Marriot

er Ave;

ik began, shortly thereafter compacted s
ik began, shortly thereafter compacted s

Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Building or structure
Pump station
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Other (specify)
Manhole
Manhole
Pump station
Force main or pressure sewer
Force main or pressure sewer
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Other sewer system structure

Manhole ID# 6386, cleaned out of ID# 6385
Manhole No. 3562
Cleanout of 403 and 407 S. Victoria Ave.
Manhole No. 4415
Manhole No. 1102
The water was coming out of the pick hole.
Manhole #1413

Restrooms in adjacent buildings
Occured during repair
Manhole #3261
Manhole - 5486
Manhole #9641
Manhole #8615 and #8619
Above ground outlet pipe spool.
#3759
Manhole #4916, #4915, and #4977

Private Lateral Cleanout
SCE Transformer Failure;

SSO flow from private lift station on private property;

spill occred at private cleanout due to the blockage in main line

Other (specify below)
Separate storm drain;Street/curb and gutter
Other (specify below)
Separate storm drain;Street/curb and gutter
Other (specify below)
Other paved surface;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface;Other (specify below)
Other (specify below)
Other (specify below)
Other paved surface;Street/curb and gutter
Street/curb and gutter;Other (specify below)
Combined storm drain (combined CS only);Other (specify below)
Combined storm drain (combined CS only);Street/curb and gutter;Surface water
Other (specify below)
Street/curb and gutter;Surface water;Other (specify below)
Paved Surface;Street/Curb and Gutter
Storm drain;Other (specify below)
Storm drain;Other (specify below)
Unpaved surface;Other (specify below)
Other (specify below)
Storm drain;Other (specify below)
Other (specify below)
Other (specify below)
Storm drain;Street/curb and gutter
Other (specify below)
Other (specify below)
Unpaved surface
Other (specify below)
Other (specify below)
Other (specify below)
Storm drain
Unpaved surface
Other (specify below)
Other (specify below)
Storm drain
Storm drain
Other (specify below)
Other (specify below)
Other (specify below)
Unpaved surface
Storm drain;Unpaved surface
Unpaved surface;Other (specify below)
Surface water
Other (specify below)
Other (specify below)
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Other paved surface
Combined storm drain (combined CS only)
Separate storm drain
Other paved surface
Other paved surface

The vactor truck was called to collect the overflow of water from the sewer.

Entire overflow was vacuumed up.

300 gallons entered the storm drain that empties into the main street channel, 700 gallons were captured.

Spill entered the storm drain which discharges into the ravine between the 91 Freeway and Santa Fe Railroad Line.

The spill came out of the pick hole and all the surrounding areas were sandbagged so the water could not enter the storm

The water was fully captured using the by-pass pump and vactor truck.

There was a back up of the sewer laterals to adjacent buildings and the water was sucked up by the vactor truck.

Spill was all retrieved

The vactor truck sucked up the spill from the street/curb/gutter

Vactor truck was there to suck up a majority of the overflow.

The portion of the spill which was not captured, either dried up or entered the north east drainage channel/storm drain off

The entire spill was vacuumed up.

The majority of the spill was sucked up by the vactor truck. The amount that was not immediately barracaded and sucker

94 gallons SSO recovered (vactored) and returned to CMSD sanitary sewer system and 19 gallons unrecovered from Sto

94 gallons contained vactored and returned to CMSD sanitary sewer system; 19 gallons not recovered from the storm dra

SSO soaked into the ground in a 50 foot length of channel

Vactored SSO returned to Sanitary Sewer System;

110 gallons recovered and returned to Sanitary Sewer System; 12 gallons lost into storm drain;

SSO Vactored and Returned to CMSD Sanitary Sewer System;

Estimated 50 gallons soaked into the a lawn surface;

100 gallons evaporated over 340 length of flow towards Storm Drain, 50 gallons recovered, 50 gallons unrecovered from

SSO fully contained, vactored and returned to Sanitary Sewer System;

SSO returned to Costa Mesa Sanitary District Sanitary Sewer System;

SSO flowed to Storm Drain through private property and soaked into the ground;

Returned SSO to Sanitary Sewer System;

Returned to Sanitary Sewer System;

SSO flowed through a short Storm Drain into a Canyon Park holding pond, thus fully containing the SSO; Effluent will be

1800 gallons of unrecoverable SSO spilled into the City of Costa Mesa storm drain requiring travel over 16,500 feet to re:

Returned SSO to CMSD Sanitary Sewer System;

Returned SSO to sanitary sewer system;

Storm Drain and Evaporation;

SSO entered Storm Drain and coul not be recovered; SSO evaporated prior to reaching Santa Ana Delhi Channel;

Vactored and Returned to Sanitary Sewer system;

Contained, Vactored and Returned to Sanitary Sewer System;

Field Crew Vactored contained SSO, rinsed surface area and vactored rinsewater; Returned SSO to Sanitary Sewer Syst

SSO effluent soaked into the ground on private property;

Estimated 50 gallons vactored and returned to sanitary sewer system and estimated 50 gallons soaked into unpaved surf:

Spill entered County of Orange storm drain, then the Santa Ana Delhi Channel, then the Upper Newport Bay.

Final spill destination was a capture area in the City of Costa Mesa Canyon Park.

Final spill destination was a capture area in the City of Costa Mesa Canyon Park.

4/26/2010 18:30	4/26/2010 19:40	4/26/2010 18:40	4/26/2010 23:45
6/6/2010 12:16	6/6/2010 12:16	6/6/2010 12:41	6/6/2010 12:36
5/16/2010 8:30	5/16/2010 9:00	5/16/2010 9:00	5/16/2010 10:30
8/2/2010 10:00	8/2/2010 10:00	8/2/2010 10:10	8/2/2010 11:45
12/23/2010 10:30	12/23/2010 12:30	12/23/2010 12:45	12/23/2010 15:10
3/24/2011 16:10	3/24/2011 16:10	3/24/2011 16:15	3/24/2011 17:15
9/7/2011 13:00	9/7/2011 13:05	9/7/2011 13:15	9/7/2011 14:00
12/26/2011 16:00	12/26/2011 16:30	12/26/2011 16:45	12/26/2011 18:00
1/29/2012 19:15	1/29/2012 18:35	1/29/2012 18:50	1/29/2012 19:30
1/19/2012 17:30	1/19/2012 17:30	1/19/2012 17:40	1/19/2012 17:49
6/12/2012 15:00	6/12/2012 15:15	6/12/2012 15:20	6/12/2012 15:50
6/28/2012 12:15	6/28/2012 12:15	6/28/2012 12:30	6/28/2012 12:35
7/30/2012 8:10	7/30/2012 8:15	7/30/2012 8:20	7/30/2012 8:40
11/4/2012 19:00	11/4/2012 19:00	11/4/2012 19:20	11/4/2012 21:00
11/24/2012 12:00	11/24/2012 12:07	11/24/2012 12:20	11/24/2012 13:52
11/29/2012 12:45	11/29/2012 12:45	11/29/2012 13:00	11/29/2012 13:05
1/10/2013 6:40	1/10/2013 6:40	1/10/2013 6:50	1/10/2013 7:27
11/18/2013 9:30	11/18/2013 9:35	11/18/2013 9:40	11/18/2013 10:30
2/20/2007 10:30	2/20/2007 10:41	2/20/2007 10:40	
2/20/2007 10:30	2/20/2007 10:41	2/20/2007 10:45	2/20/2007 11:30
3/24/2007 11:30	3/24/2007 11:47	3/24/2007 11:54	3/24/2007 11:55
4/3/2007 11:30	4/3/2007 12:55	4/3/2007 13:00	4/3/2007 14:00
4/10/2007 8:45	4/10/2007 0:00	4/10/2007 0:00	4/10/2007 0:00
5/28/2007 11:45	5/28/2007 12:00	5/28/2007 12:25	5/28/2007 12:45
6/15/2007 21:30	6/15/2007 22:30	6/15/2007 22:50	6/16/2007 0:30
9/4/2007 8:45	9/4/2007 9:15	9/4/2007 9:30	9/4/2007 9:45
9/4/2007 11:00	9/4/2007 11:05	9/4/2007 11:05	9/4/2007 11:20
11/18/2007 1:30	11/18/2007 2:00	11/18/2007 2:10	11/18/2007 2:30
1/20/2008 8:30	1/20/2008 9:45	1/20/2008 8:50	1/20/2008 9:00
2/7/2008 8:45	2/7/2008 8:57	2/7/2008 9:15	2/7/2008 9:45
1/28/2008 11:20	1/28/2008 11:30	1/28/2008 11:35	1/28/2008 0:50
2/26/2008 7:40	2/26/2008 7:50	2/26/2008 7:55	2/26/2008 8:40
3/17/2008 22:30	3/18/2008 10:25	3/18/2008 10:30	3/18/2008 11:30
4/3/2008 17:50	4/3/2008 18:00	4/3/2008 18:12	4/3/2008 19:00
12/23/2008 9:30	12/23/2008 10:00	12/23/2008 10:10	12/23/2008 12:30
12/30/2008 8:00	12/30/2008 8:15	12/30/2008 8:30	12/30/2008 8:40
1/11/2009 11:00	1/11/2009 11:45	1/11/2009 12:10	1/11/2009 12:45
1/16/2009 10:00	1/16/2009 11:00	1/16/2009 11:10	1/16/2009 12:12
1/26/2009 9:15	1/26/2009 9:30	1/26/2009 9:35	1/26/2009 9:45
1/29/2009 20:00	1/29/2009 20:55	1/29/2009 21:08	1/29/2009 21:08
5/11/2010 19:00	5/11/2010 19:40	5/11/2010 19:58	5/11/2010 20:35
6/27/2010 18:00	6/27/2010 18:55	6/27/2010 19:20	6/27/2010 19:35
7/15/2010 20:15	7/15/2010 20:32	7/15/2010 21:04	7/15/2010 21:10
8/29/2010 14:45	8/29/2010 15:00	8/29/2010 15:10	8/29/2010 15:45
1/19/2011 6:00	1/19/2011 7:30	1/19/2011 7:30	1/19/2011 7:35
1/8/2011 13:00	1/8/2011 13:30	1/8/2011 13:45	1/8/2011 14:05
1/8/2011 13:00	1/8/2011 13:30	1/8/2011 13:45	1/8/2011 14:05
7/7/2011 0:45	7/7/2011 0:45	7/7/2011 0:48	7/7/2011 0:54
8/18/2011 12:00	8/18/2011 12:00	8/18/2011 12:20	8/18/2011 12:45
7/4/2011 10:30	7/4/2011 10:30	7/4/2011 11:45	7/4/2011 14:00
9/27/2011 20:49	9/27/2011 20:49	9/27/2011 21:01	9/27/2011 21:01
2/26/2012 20:50	2/26/2012 21:00	2/26/2012 21:15	2/26/2012 22:00
7/6/2012 14:00	7/6/2012 14:00	7/6/2012 14:10	7/6/2012 14:30
11/22/2012 12:05	11/22/2012 12:07	11/22/2012 12:22	11/22/2012 12:50
12/26/2012 17:30	12/26/2012 19:04	12/26/2012 20:00	12/27/2012 3:00

Debris-General
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Pipe structural problem/failure
Grease deposition (FOG)
Construction Diversion Failure
Debris
Debris
Pump station failure
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debris
Debris
Debris
Pump station failure
Grease deposition (FOG)
Root intrusion
Debris
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Debris
Pump station failure
Debris-Rags
Grease deposition (FOG)
Pump station failure
Grease deposition (FOG)
Debris-Rags
Grease deposition (FOG)
Other (specify below)
Pump station failure
Pipe structural problem/failure
Pipe structural problem/failure
Debris-Rags
Root intrusion
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Grease deposition (FOG)

The home owner at 1432 Mariposa Dr. had a contractor 5 months ago, sleeve the sewer lateral. The contractor failed to

Roots and blockage

Foam was overflowing from manhole. No obstructions were discovered during the clean-up of overflow.

The main breaker at the lift station motor control panel failed.

There was a water main break which infiltrated the adjacent manhole causing a back up of the sewer laterals to adjacent

There was a blockage in the sewer, the contractor broke it loose to release the backup, however the blockage item/items

Blockage, not specifically identified

The sewer main liner failed. The liner is attached to the inside of the sewer main, it became de-laminated and caused the

The grease blockage was downstream of manhole #9641.

It was determined that grease was the cause of the overflow. Upon further inspection, the City's pretreatment consultant
A City of Corona Public Works employee noticed water running at the pump station site. They walked over to the site and

The City had a planned bypass at Water Reclamation Facility No. 2

Debris and Rags from residential areas blocked main line;

Debris and rags blocked CMSD 8 inch main line;

Air Bubbler failed in Gisler Pump Station

Resident reported a plumber for a neighbor cleaned neighbor's lateral line on 04/09/2007 pushing roots and grease into th

Lots of Paper, Other Debris and FOG removed from blockage point;

Air Bubbler in Sea Bluff Pump Station failed;

Both FOG and Rags partially blocked District main line in a commercial area;

FOG blocked private lateral;

SCE Transformer Failure for President Pump Station;

Pump Station Failure - CMSD Maintenance Supervisor turned system on manually and system operated properly - contin
Rags, FOG and Blockages;

FOG logs blocked main line in residential area;

Woven Wipes/Rags and some roots blocked District main line causing backup to occur at private lift station on private pr

Grease and some roots blocked District main line forcing SSO effluent out of five pickholes in a District manhole cover;

SCE Power Outage - Two transformers Failed

Main
Main
Main
Main
Main
Main
Main
Main
Other (specify below)
Other (specify below)
Main
Main
Main
Main
Main
Main
Other (specify below)
Main
Force Main

ie District main line;
Main
Main

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Other (specify below)
Other (specify below)
Other (specify below)
Main
Main
Main
Main
Main
Main
Main
Main

The overflow was at the 1st manhole/feeding station.
The failure occurred due to infiltration from a main line break

There was a leak from a weld spot on a spool at an out of service pump station.

Irvine PS;

Clogged air release valve at pumping station
Crack in force main.
Crack in force main.

8

No

8 VCP
8 VCP
8 VCP
8 VCP
8 VCP
8 VCP

8 VCP
8 VCP
8 VCP

8

8

8 DIP
8 DIP
VCP
8 VCP
8 VCP
8 VCP
8 VCP
8 VCP
vcp
8 VCP

50
50
50
50
50
50

50
50

50
50

53
56
55
1959
1964
1957
42

Innerline jetted the line, cleared the blockage and sent the camera in to verify the protruding sleeve.

The 1st responder arrived at the SSO location, but the SSO had been cleared. According to the resident, the SSO lasted Roots were discovered in the mainline in the alley. Roto Rooter snaked the cleanouts of 403 & 407 S. Victoria Ave. Innerline The crew setup 2 containment areas by the gutters to capture the overflow. The vacuum trailer was used to suck up the Innerline jetted the the line from the downstream manhole up to the surcharging manhole. Continental Pumping vacuum The city crew contained the spill with sandbags and also used sandbags to block the stormdrain inlets. The city vactor w Crew called vactor contractor to have the line jetted.

The City bypassed the main breaker temporarily to run pumps to the low level. Portable pumps were also brought onsite The crew cleaned and televised the sewer main approximately 1000 ft. upstream and downstream of the location.

The city crew responded and put down sand bags to contain the spill. The City called out the vactor contractor to jet the l The first responder showed up at the spill site and set-up the containment within 5 minutes of the notification. The overflc The City crews set-up 3 containment areas. The contractor cleared the blockage and retrieved the section of liner which The Dept. of Water & Power staff setup sandbag containment in front of the storm drain catch basin and used the vactor Along with City staff, Innerline was on site with their jetter truck/vac trailer.

The Department of Water & Power (DWP) responded by shutting off the valve downstream from the leak. Secondary tre The crew arrived at the spill and immediately setup a dirt berm and sand bags to block the storm drain. Then Innerline Ei Since the SSO occurred during a planned bypass, staff was onsite and was able to quickly set-up the primary and second City of Costa Mesa crew contained and vactored SSO while CMSD crew cleared main line;

Manually turned on Gisler Pump Station Pumps

City of Newport Beach Vactor on-site and cleared blockage as Costa Mesa Sanitary District contractor arrived on-site;

City of Costa Mesa Public Services Dept Crew responded, contained SSO and cleaned area;

SSO fully contained in first of five Canyon Park holding ponds;

Las Colina Plumbing Company cleared FOG blockage and completed CCTV of lateral line;

CMSD Emergency Crew responded to President PS with portable pump at the same time SCE responded to repair transf

Returned Irvine PS to FOC.

CMSD Crew blocked SD, removed blockages and debris (rags and FOG) from MH, flushed street and vactored flush wat

Private plumbers responded to clear line blockage in lateral and main line - only found and removed blockage from main

Turned off pumping station, instituted by-pass operation, excavated and repaired force main, re-started pumping station.

Turned off pumping station, instituted by-pass operation, excavated and repaired force main, re-started pumping station.

6/6/2010 17:30

8/2/2010 12:30
12/23/2010 18:15

1/29/2012 23:30

11/4/2012 23:00
11/24/2012 18:00

1/10/2013 8:30
11/18/2013 11:00
2/20/2007 11:30
2/20/2007 11:30
3/24/2007 11:55

4/10/2007 10:00

9/4/2007 0:00

1/20/2008 10:15
2/7/2008 9:45

2/26/2008 8:40
3/18/2008 11:30

1/11/2009 12:45
1/16/2009 12:12

1/21/2011 13:50

8/18/2011 12:45

2/26/2012 22:00
7/6/2012 14:30

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Enforcement action against FOG source

Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program; Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance

Jetted the nearby area to clear any additional grease. Innerline will return to perform additional preventative maintenance.

Innerline will be cleaning the sewer system.

Innerline will clean the sewer system.

The City replaced the faulty main breaker. The City will continue to perform annual infrared inspections on all electrical gear.

The sewer main will be cleaned and videoed 1000 feet upstream and downstream of the overflow manhole.

The City cleared the blockage, and jetted the line. The City will review the CCTV from this area and will inspect the manholes.

The sewer lines running north and south on Lincoln Ave. will be jetted and cleaned from River Rd. to Rincon St. Also, the City will inspect the lines. Due to the fact that the SSO occurred as a result of a planned bypass for construction at WRF No. 2, there are no correctives planned.

Repaired Gisler Pump Station Air Bubbler;

Site is regularly cleaned; Working with local plumbers to notify the District when laterals are cleaned to enable District to inspect.

Maintenance Supervisor replaced defective air bubbler;

Jetted main line, cleared blockage, vactored SSO, flushed area with fresh water;

Triangle Square Cantina and Yardhouse employed Las Colina Plumbing Company to clear the FOG blockage and CCTV.

Returned Irvine PS to FOC.

No

No
No

No

No
Yes

No
No
No
No
No

No

No

No
No

No
No

No
No

No

No

No
No

19 gallons of SSO unable to travel to surface waters

NA

N/A

No spill volume made it to receiving waters.
No spill volume made it to receiving waters.

none

No

No
No

No

No
No

No

No
No
No

No

No

No
No

No
No

No
No

No

No

No
No

NA

NA
N/A

NA
NA
NA

NA

NA

NA
NA

NA
NA

NA
NA

None
None

none
none

NA

Main Street drainage channel

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Santa Ana River - Reach 3

Temescal Creek Reach 2

N/A

Oak Street Channel

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

Upper Newport Bay

None

None

unknown

storm drain

BackBay Newport Beach, CA

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

Not applicable to this spill

No water quality samples taken
No water quality samples taken

No water quality samples taken

None of the above
None of the above
County Health Agency;Regional Water Quality Control Board

No water quality samples taken

None of the above

No water quality samples taken
No water quality samples taken

No water quality samples taken
None of the above

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

None of the above
None of the above

NA

The estimated flow rate out of the manhole is about 50 gpm. There were 3 manholes which were overflowing, equating to

103465	6/6/2010 13:40
104603	8/2/2010 11:15
107820	12/23/2010 13:47
120603	1/29/2012 21:23
126680	11/5/2012 8:38
127083	11/24/2012 14:38
130205	1/10/2013 8:40
71108	2/20/2007 13:45
71108	2/20/2007 13:45
71872	3/24/2007 12:52
72097	4/3/2007 13:53
72238	4/10/2007 17:03
73243	5/28/2007 17:30
73642	6/16/2007 11:26
75371	9/4/2007 18:35
75373	9/4/2007 19:48
77332	11/27/2007 16:55
80575	1/20/2008 11:52
81171	2/7/2008 15:50
81341	2/14/2008 15:56
81613	2/26/2008 12:45
82152	3/18/2008 15:10
82546	4/3/2008 18:54
89101	12/23/2008 14:05
89253	12/30/2008 14:25
90244	1/12/2009 0:00
90383	1/16/2009 15:35
90785	1/26/2009 16:40
90922	1/30/2009 16:45
102953	5/12/2010 10:18
103995	7/1/2010 10:45
104377	7/20/2010 16:00
105307	9/3/2010 15:28
110144	1/8/2011 17:51
110144	1/8/2011 17:51
114916	8/18/2011 14:00
121122	2/27/2012 7:30
123973	7/7/2012 14:13

Dale Lesinski

9512793621

8SSO10566	Active	792842 Robin Hamers	Certified
8SSO10566	Active	798393 Robin Hamers	Certified
8SSO10568	Active	765012	Ready To Certify
8SSO10568	Active	772682 Greg Snyder	Certified
8SSO10569	Active	647414 Gary Sturdivan	Certified
8SSO10569	Active	713905 Gary Sturdivan	Certified
8SSO10569	Active	724752 Gary Sturdivan	Certified
8SSO10569	Active	725278 Gary Sturdivan	Certified
8SSO10569	Active	765585 Gary Sturdivan	Certified
8SSO10569	Active	768855 Gary Sturdivan	Certified
8SSO10569	Active	772610 Brian Tompkins	Certified
8SSO10570	Active	714334 Renzo Marin	Certified
8SSO10570	Active	718180 Dennis Cafferty	Certified
8SSO10570	Active	754893 RENZO MARIN	Certified
8SSO10570	Active	755252 RENZO MARIN	Certified
8SSO10570	Active	755536 RENZO MARIN	Certified
8SSO10570	Active	756516 Renzo Marin	Certified
8SSO10570	Active	759721 RENZO MARIN	Certified
8SSO10570	Active	760329 RENZO MARIN	Certified
8SSO10570	Active	773011 RENZO MARIN	Certified
8SSO10570	Active	794198 RENZO MARIN	Certified
8SSO10570	Active	799529 RENZO MARIN	Certified
8SSO10570	Active	800107 RENZO MARIN	Certified
8SSO10572	Active	648792 Cal Youngberg	Certified
8SSO10572	Active	706419 Robert Kellison	Certified
8SSO10572	Active	728367 Cal Youngberg	Certified
8SSO10572	Active	735737 Robert T. Kellison	Certified
8SSO10572	Active	740983 Cal Youngberg	Certified
8SSO10572	Active	774268 Cal Youngberg	Certified
8SSO10573	Active	645426 Bob Savage	Certified
8SSO10573	Active	646388 Robert W. Savage	Certified
8SSO10573	Active	649576 Robert W. Savage	Certified
8SSO10573	Active	650248 William Roseberry	Certified
8SSO10573	Active	707070 William Roseberry	Certified
8SSO10573	Active	709640 William Roseberry	Certified
8SSO10573	Active	711095 William Roseberry	Certified
8SSO10573	Active	712341 William Roseberry	Certified
8SSO10573	Active	712342 William Roseberry	Certified
8SSO10573	Active	712734 William Roseberry	Certified
8SSO10573	Active	714880 Robert W. Savage	Certified
8SSO10573	Active	727781 William Roseberry	Certified
8SSO10573	Active	728155 William Roseberry	Certified
8SSO10573	Active	733464 William Roseberry	Certified
8SSO10573	Active	735442 William Roseberry	Certified
8SSO10573	Active	738682 William Roseberry	Certified
8SSO10573	Active	744749 William Roseberry	Certified
8SSO10573	Active	749228 William Roseberry	Certified
8SSO10573	Active	751465 William Roseberry	Certified
8SSO10573	Active	755986 William Roseberry	Certified
8SSO10573	Active	762941 William Roseberry	Certified
8SSO10573	Active	769840 William Roseberry	Certified
8SSO10573	Active	770279 William Roseberry	Certified
8SSO10573	Active	770911 William Roseberry	Certified
8SSO10573	Active	783918 William Roseberry	Certified
8SSO10573	Active	793169 Anthony Reynoso	Certified

District Engineer
District Engineer

Operations Supervisor
SAfety & Regulatory Director
Safety & Regulatory Director
Safety & Regulatory Director
Safety & Regulatory Director
Safety Regulatory Director
Safety Regulatory
CFO

Technical/Regulatory Analyst
Director of Operations & Engineering

T/R ANALYST

T/R ANALYST, COLLECTION SYSTEM MANAGER

T/R ANALYST, COLLECTION SYSTEM MANAGER

T/R Analyst

T/R ANALYST, COLLECTION SYSTEM MANAGER

TECHNICAL/REGULATORY ANALYST, COLLECTION SYSTEM MANAGER

T/R ANALYST

T/R ANALYST, COLLECTION SYSTEM MANAGER

T/R ANALYST, COLLECTION SYSTEM MANAGER

T/R ANALYST, COLLECTION SYSTEM MANAGER

Sewer/Storm Drain Supervisor

Field Services Manager

Sewer/Storm Drain Supervisor

Field Services Manager

Sewer/Storm Drain Supervisor

Sewer/Storm Drain Supervisor

Director of Maintenance Services

Director of Maintenance Services

Director of Maintenance Services

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Director of Maintenance Services

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Superintendent

Sewer Supervisor

Costa Mesa		479898
Costa Mesa		100521
WMWD Operations Center		971504
	3/1/2007	744886
San Bernardino		574394
	12/14/2010	507268
San Bernardino		564325
Highland, CA		428873
San Bernardino		510055
Highland, CA		633008
Lake Forest, CA		425656
Lake Forest, CA		849719
LAKE FOREST, CA		208870
LAKE FOREST		710235
LAKE FOREST		787971
Lake Forest, Cal		844168
LAKE FOREST, CA.		102610
LAKE FOREST, CA		943296
LAKE FOREST		413657
LAKE FOREST		598649
LAKE FOREST		615085
LAKE FOREST		913481
Fountain Valley, Ca		831939
Fountain Valley CA		837439
Fountain Valley, Ca		240090
Fountain Valley CA		704323
Fountain Valley, Ca.		653118
Fountain Valley		657772
City of Fullerton		491187
Fullerton, CA		929121
Fullerton, CA		212507
1580 W. Commonwealth Ave, Fullerton, CA 92833		722150
City of Fullerton		614403
City of Fullerton		463284
City of Fullerton		707073
City of Fullerton		263045
City of Fullerton		907723
City of Fullerton		688144
Fullerton, CA		405200
City of Fullerton		399801
City of Fullerton		944736
City of Fullerton		495928
City of Fullerton		904849
City of Fullerton		473594
City of Fullerton		556651
City of Fullerton		632219
City of Fullerton		484934
City of Fullerton		802817
City of Fullerton		555375
City of Fullerton		460600
City of Fullerton		666425
City of Fullerton		589923
City of Fullerton		925799
City Of Fullerton		106752

22-Mar-13	3/22/2013	22-Mar-13	3/22/2013
1-Sep-13	9/1/2013	5-Oct-13	10/5/2013
1-Apr-11	4/1/2011	1-Apr-11	
3-Nov-11	11/3/2011	3-Nov-11	11/3/2011
27-Feb-07		1-Mar-07	3/1/2007
26-Feb-08		26-Feb-08	12/14/2010
15-Aug-08		19-Aug-08	12/14/2010
27-Aug-08		28-Aug-08	12/14/2010
18-Apr-11	4/19/2011	19-Apr-11	4/19/2011
22-Jul-11	7/22/2011	25-Jul-11	7/25/2011
1-Nov-11	11/1/2011	1-Nov-11	11/1/2011
29-Feb-08		29-Feb-08	2/29/2008
28-May-08		28-May-08	5/28/2008
14-Jul-10	7/14/2010	14-Jul-10	7/14/2010
20-Jul-10	7/20/2010	20-Jul-10	7/20/2010
28-Jul-10	7/28/2010	28-Jul-10	7/28/2010
1-Sep-10	9/1/2010	1-Sep-10	12/6/2010
22-Dec-10	12/22/2010	22-Dec-10	12/22/2010
6-Jan-11	1/6/2011	6-Jan-11	1/6/2011
11-Nov-11	11/11/2011	11-Nov-11	11/11/2011
16-May-13	5/16/2013	16-May-13	5/16/2013
7-Oct-13	10/7/2013	7-Oct-13	10/8/2013
22-Oct-13	10/22/2013	22-Oct-13	10/22/2013
3-Apr-07		3-Apr-07	12/21/2009
24-Oct-07		24-Oct-07	9/17/2008
22-Oct-08		22-Oct-08	2/3/2011
31-Mar-09		31-Mar-09	3/31/2009
13-Jul-09		13-Jul-09	2/9/2011
19-Dec-11	12/19/2011	19-Dec-11	12/19/2011
10-Jan-07		19-Jan-07	1/19/2007
29-Jan-07		2-Feb-07	2/2/2007
19-Apr-07		1-May-07	5/1/2007
8-May-07		17-May-07	5/17/2007
1-Nov-07		19-Nov-07	12/16/2010
17-Dec-07		2-Jan-08	12/16/2010
10-Jan-08		16-Dec-10	12/16/2010
5-Feb-08		13-Feb-08	2/13/2008
5-Feb-08		13-Feb-08	2/13/2008
13-Feb-08		13-Feb-08	2/13/2008
14-Mar-08		20-Mar-08	3/20/2008
13-Oct-08		20-Oct-08	10/20/2008
21-Oct-08		30-Oct-08	12/16/2010
11-Feb-09		2-Mar-09	3/2/2009
25-Mar-09		2-Apr-09	12/16/2010
8-Jun-09		18-Jun-09	6/18/2009
17-Sep-09		30-Sep-09	12/16/2010
9-Feb-10		17-Feb-10	2/17/2010
12-Apr-10		19-Apr-10	4/19/2010
12-Aug-10	8/12/2010	23-Aug-10	8/23/2010
14-Feb-11	2/14/2011	7-Mar-11	3/7/2011
16-Aug-11	8/16/2011	25-Aug-11	8/25/2011
24-Aug-11	8/24/2011	12-Sep-11	9/12/2011
12-Sep-11	9/12/2011	26-Sep-11	9/26/2011
23-Jul-12	7/23/2012	6-Aug-12	8/6/2012
4-Apr-13	4/4/2013	3-May-13	5/3/2013

Category 3		10	10
Category 1	0	79000	2000
Category 1		40	30
Category 3		500	500
Category 3		400	
Category 1		250	200
Category 1		6000	2000
Category 3		60	60
Category 1		300	90
Category 3		600	0
Category 3		10	10
Category 1		1100	800
Category 3		60	5
Category 3		38	30
Category 1		110	25
Category 3		15	15
Category 3		5	0
Category 1		4600	0
Category 3		900	0
Category 3		25	25
Category 1		450	0
Category 1	0	1500	0
Category 1	0	540	0
Category 1		75	50
Category 3		100	100
Category 3		200	200
Category 3		100	50
Category 1		500	300
Category 1		80	60
Category 1		750	0
Category 1		2370	1570
Category 2		2000	2000
Category 1		300	150
Category 1		7000	5500
Category 1		150	0
Category 1		625	0
Category 1		400	0
Category 1		225	0
Category 3		450	450
Category 2		6000	4000
Category 3		30	0
Category 1		180	100
Category 1		450	300
Category 3		300	280
Category 2		3600	2000
Category 1		180	90
Category 1		300	150
Category 1		400	300
Category 1		450	350
Category 1		300	200
Category 3		60	60
Category 1		2250	0
Category 1		150	100
Category 1		1500	400
Category 3		150	50

0 No	No
77000 Yes	Yes
10 Yes	Yes
0 No	No
No	No
50 No	Yes
4000 Yes	Yes
0 No	Yes
50 Yes	Yes
0 No	Yes
0 No	No
300 Yes	Yes
0 No	No
0 No	Yes
85 Yes	Yes
0 No	No
0 No	Yes
4600 Yes	Yes
0 No	Yes
0 No	No
450 No	Yes
1500 Yes	Yes
540 Yes	Yes
25 Yes	Yes
0 No	No
0 No	No
0 No	Yes
200 Yes	Yes
20 Yes	Yes
450 Yes	Yes
800 Yes	No
0 No	No
150 Yes	Yes
1500 Yes	Yes
150 Yes	Yes
625 Yes	Yes
400 Yes	Yes
150 Yes	No
No	No
0 No	No
0 No	No
80 Yes	Yes
150 Yes	Yes
0 No	Yes
0 No	Yes
90 Yes	Yes
150 Yes	Yes
100 Yes	Yes
100 Yes	Yes
100 Yes	Yes
0 No	Yes
2250 Yes	Yes
50 Yes	Yes
1000 Yes	Yes
0 No	No

Not Applicable - Spill did not reach a separate storm drainpipe
No
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
No
Yes
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach storm drainpipe
No
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
No
No
No
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
No
No
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
No
No
No
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
No
Yes
Yes
No
No
No
No
No
Yes
No
No
No
Not Applicable - Spill did not reach a separate storm drainpipe

1895 Swan Cir
2101 Anniversary Ln.
18210 Lake Point Drive, Riverside
River Road Blow Off
Lynwood Drive across from Lynwood Circle
7037/7041 Conejo Drive
Under the 30 freeway over-pass.
Stoney Creek and Dunkirk
7583 Peacock St
Manhole in front of 7215 Seeley Ct
Sterling and Lynwood
Santa Maria Laguna Woods
2399 Via Mariposa West
23101 Moulton Pkwy, Laguna Hills
SANTA VITTORIA
VIA MARIPOSA EAST
CARLOTA
NORTHLINE STA.
OSO PUMP STATION
OLIVE GARDEN
EL TORO RD
23201 RIDGE ROUTE
24400 MUIRLANDS, LAKE FOREST. CA
Lucky Chinese Restaurant
Stonefire Grill
17110 Brookhurst Street
Warner Avenue At Mt. Eden
9770 James River Circle
10096 Stilbite
Bastanchury Road/ Balboa Road
Craig Regional Park
643 W. Malvern Avenue
Starbuck Street
Domingo easement
Lakeview Way (MH# 71-93)
Emery Ranch / Wistaria Lane
1705 N. Gilbert
Almira Avenue
321 E. Chapman
Hiltscher Park
Linda Vista Easement
Wilshire Avenue
Fullerton College @ Chapman Bridge
724 Nancy Lane
Domingo Road Easment
Dana Place
Madonna Drive Easement
Del Monte West Alley
Dorothy Lane Easement
Grandwood Drive
Sheppard Drive
Via Burton Street
Del Monte West Easement
Arroyo Easement
Acacia Park

33.669028	-117.971111 Orange
33.654468	-117.882064 Orange
33.879167	-117.450278 Riverside
33.92789	-117.6006 Riverside
34.146683	117.2425 San Bernardino
34.259167	-117.398889 San Bernardino
34.222222	-117.404444 San Bernardino
34.11375	-117.19881 San Bernardino
34.11582	-117.2083 San Bernardino
34.12284	-117.23223 San Bernardino
34.146806	-117.24365 San Bernardino
33.616736	117.733994 Orange
33.618889	117.722222 Orange
33.6268	-117.73097 Orange
33.63076	-117.73994 Orange
33.61983	-117.71634 Orange
33.61427	-117.70899 Orange
33.62211	-117.71547 Orange
33.59918	-117.74923 Orange
33.60958	-117.72657 Orange
33.61916	-117.70518 Orange
33.62097	-117.72499 Orange
33.62807	-117.70453 Orange
33.700278	-117.956667 Orange
33.6907	117.95422 Orange
33.71491	-117.95364 Orange
33.716502	-117.930187 Orange
33.68915	-117.955745 Orange
33.73162	-117.953 Orange
33.895833	117.9275 Orange
33.906389	117.8825 Orange
33.874722	117.937222 Orange
33.886111	117.962222 Orange
33.900556	-117.931389 Orange
33.904444	-117.939722 Orange
33.896389	-117.984167 Orange
33.890556	117.966389 Orange
33.890278	117.887222 Orange
33.873889	117.918889 Orange
33.881389	117.941667 Orange
33.891111	117.907222 Orange
33.872222	-117.938333 Orange
33.873889	117.918056 Orange
33.886944	-117.913889 Orange
33.901111	-117.930833 Orange
33.886389	-117.897222 Orange
33.916667	-117.919444 Orange
33.876667	-117.932222 Orange
33.879167	-117.913333 Orange
33.899167	-117.950278 Orange
33.881667	-117.916111 Orange
33.856389	-117.895278 Orange
33.877778	-117.93275 Orange
33.875833	-117.9475 Orange
33.884167	-117.893611 Orange

the spill occurred at the cleanout at the end of the sewer line due to the roots in downstream sewer line crossing Placentia
spill occurred from cleanout on private property

Manhole 43025-103

Utility right of way in housing tract

Report of sewerage coming out of manhole.

Upstream manhole at 7000 Conejo and downstream manhole at 7100 Conejo

Two manholes located on Sterling Ave and Date Street-Sterling Ave and Pumalo Street reported by San Bernardino City
Just south of Stoney Creek at Dunkirk in the City street.

MANHOLE IN FRONT OF 7583 PEACOCK AVE IN THE CITY OF HIGHLAND CA 92346

Spill coming from manhole in front of 7215 Seeley Ct. Highland, Ca 92346

Spill occurred at the manhole and was contained on the street pavement around manhole.

Sewer manhole

The spill exited a manhole in a large, flat grass area.

MANHOLE # M-H 13

SEWER MANHOLE

PRIVATE SYSTEM CLEAN OUT IN WALKWAY AND LANDSCAPED AREA

PRIVATE PROPERTY PARKING LOT.

MANHOLE ON RIDGE ROUTE.

PUMP STATION

MANHOLE TO PRIVATE SEWER LATERAL SERVING OLIVE GARDEN RESTAURANT

SEWER MANHOLE

SEWER MANHOLE

PRIVATE SEWER MANHOLE

Commercial corner

Grease interceptor discharge

manhole

manhole

manhole on asphalt paved road

Manhole in a vacant dirt lot.

Floor Drains in Church Basement

Manhole @ the intersection of Starbuck Street and Northam Drive

Railroad easement. to the rear of 2619 Coronado

Intersection of Emery Ranch Road and Wistaria Lane

Manhole west of Gilbert on Conejo Lane.

Sewage spilled from manhole 5 feet East of Almira Avenue in a city easement.

First manhole East of Euclid in Hiltcher Park

Manhole in planter on resident's property.

Planter in residents parkway

Sewage discharged from the manhole on Chapman at the Fullerton College bridge crossing.

Sewage discharged from a manhole alongside Union Pacific Railroad Easement.

Spill occurred in cul de sac of Dana Place off of Acacia Avenue

Sewage spilled out of manhole at Madonna Drive and Cienaga Dr. Blockage was located 2 manholes downstream of spil

Manhole in intersection of Hermitage Drive and Grandwood Drive.

Spill occurred from a manhole in an easement along a natural Arroyo, 175 ft North of the 1400 block of W. Malvern Ave.

Spill discharged from a manhole located in Acacia Park +/- 100ft South of Fullerton Creek Drive.

Ave.

2

Fire Dept. Ray Leslie

1

1

I in the easement along the railroad trac

Other sewer system structure
Upper Lateral (Private)
Gravity sewer;Manhole
Force main or pressure sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Gravity sewer
Manhole
Other (specify)
Manhole
Gravity sewer;Manhole
Manhole;Pump station
Manhole
Gravity sewer;Manhole
Manhole
Upper Lateral (Private)
Other (specify)
Other (specify)
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Building or structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole

sewer cleanout

Spill came out of overflow lines on two private laterals.

Both manholes overflowed with sewage traveling south along the curb on Sterling Ave towards City of San Bernardino stc
Three consecutive manholes overflowed through just the pick hole.

PRIVATE SYSTEM CLEAN OUT

SEWER MANHOLE IN LANDSCAPED AREA

Grease interceptor
grease interceptor

Floor Drains in Church Basement

Spill was discharging out of a planter in the residents parkway. Further investigation is required to identify if the sewage \

Spill discharged from mahole in backyard of 522 Dorothy Lane.

Sewage spilled from 2 seperate manholes on Via Burton Street.
Spill discharged from private sewer cleanout at 430 Del Monte West.

Street/curb and gutter
Beach
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Other paved surface;Separate storm drain;Street/curb and gutter;Surface water;Other (specify below)
Separate storm drain;Street/curb and gutter
Separate storm drain
Separate storm drain
Other paved surface
Other (specify below)
Unpaved surface
Storm drain
Other (specify below)
Other paved surface;Other (specify below)
Separate storm drain
Surface water;Other (specify below)
Unpaved surface
Other paved surface
Other (specify below)
Other (specify below)
Other (specify below);Separate Storm Drain;Surface Water
Other paved surface;Storm drain
Other paved surface
Other (specify below)
Other (specify below)
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Beach;Surface water;Unpaved surface
Surface water;Unpaved surface
Building or structure
Surface water
Unpaved surface
Separate storm drain;Unpaved surface
Separate storm drain
Storm drain;Surface water
Surface water;Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Separate storm drain
Storm drain;Street/curb and gutter;Surface water
Storm drain;Surface water
Storm drain;Unpaved surface
Separate storm drain;Surface water
Street/curb and gutter
Surface water
Surface water
Separate storm drain;Surface water;Unpaved surface
Unpaved surface

spill reached public storm drain connected to OCFCD channel and then beach

New housing track development rough grading area

Concrete storm drain channel east of Conejo at Baseline. No water in channel at time of spill.

The sewage overflow traveled a few hundred feet down Sterling Avenue into a City storm drain. The storm drain outlets i

Unknown. Followed storm drain to City Creek by-pass and could not see any wastewater reaching either creek. Storm dra

Spill entered into a storm drain catch basin and from there entered into a underground detention basin that is made to lea

Spill was contained around the manhole on the street pavement

Veeh Lake

The minimal spill volume was contained to a grass area.

LA CANADA CREEK

WALKWAY AND LANDSCAPED AREA

VEEH LAKES

VEEH LAKE

VEEH LAKE # 2

VEEH LAKE

Lower Santa Ana River/Pacific Ocean

parking lot curb & gutter - return to sewer

captured and returned to sewer

Return to sewer

Three hundred gallons were recovered and returned to the sewer

vacuumed and returned to sewer.

Brea Creek Channel and vacant dirt lot

Sanitary Sewer System and Church Basement

Brea Creek Channel

Spilled into nearby Storm Drain which led to a dirt channel. The low volume of the spill allowed the dirt channel to absorb

Sewage flowed into storm drain which leads into the Brea Creek Channel in Fullerton.

Sewage spilled into a nearby storm drain which leads into Brea Creek Channel.

The remaining portion of sewage that did not saturate into the soil flowed down a dirt slope, which led into Fullerton Creel

Sewage spilled onto the street and followed the curb/ gutter where a vactor truck was set up to vacuum all discharge.

Hiltscher Park is an unimproved area of trails, trees and natural vegetation. The area is heavily covered with mulch and c

Sewage saturated into soil in the planter at 1525 Linda Vista.

20 gallons of sewage saturated into a nearby earthen swale. Remaining 280 gallons were recovered by crews.

2,000 gallons was captured and returned to system. Remaining 1,600 gallons saturated into the soil along the easement.

90 gallons of sewage was lost into a nearby storm drain. The remaining 90 gallons were captured by our vacuum trucks.

150 gallons of sewage spilled into a nearby catch basin that flows directly to Coyote Creek Channel. Remainder of sewa

100 gallons was lost into a nearby storm drain which leads to Brea Creek Channel.

100 gallons of sewage were lost into nearby catch basin. Remaining volume was washed down and vacuumed up by cre

Brea Creek Channel

Spill flowed from nearby storm drain into Carbon Creek Channel.

50 gallons of sewage discharged into a storm sewer catch basin that ties into nearby Brea Creek Channel.

Spill occurred from a manhole in an easement along a natural Arroyo. Sewage that did not saturate into the soil, and was

Roughly 100 gallons soaked into the soil surrounding the manhole, while the remaining 50 gallons was contained on a ne

3/16/2013 23:30	3/16/2013 23:51	3/17/2013 0:15	3/17/2013 0:45
8/31/2013 0:00	8/31/2013 10:35	8/31/2013 11:45	8/31/2013 12:00
3/3/2011 2:10	3/3/2011 2:10	3/3/2011 2:10	3/3/2011 2:15
10/4/2011 8:30	10/4/2011 8:45	10/4/2011 8:50	10/4/2011 9:10
2/25/2007 21:00	2/25/2007 21:13	2/25/2007 21:45	2/25/2007 22:00
2/25/2008 1:36	2/25/2008 1:36	2/25/2008 1:50	2/25/2008 1:54
8/15/2008 0:00	8/15/2008 4:27	8/15/2008 5:13	8/15/2008 5:27
8/13/2008 0:00	8/13/2008 6:30	8/13/2008 6:40	8/13/2008 6:46
4/15/2011 12:39	4/15/2011 12:48	4/15/2011 1:00	4/15/2011 1:09
7/21/2011 5:50	7/21/2011 5:50	7/21/2011 6:15	7/21/2011 6:30
10/29/2011 23:00	10/29/2011 23:15	10/29/2011 23:45	10/30/2011 0:00
2/29/2008 10:00	2/29/2008 10:00	2/29/2008 10:10	2/29/2008 11:00
5/27/2008 8:42	5/27/2008 8:42	5/27/2008 8:56	5/27/2008 10:42
7/12/2010 9:36	7/12/2010 9:36	7/12/2010 9:50	7/12/2010 9:55
7/19/2010 7:10	7/19/2010 7:11	7/19/2010 7:16	7/19/2010 7:21
7/24/2010 18:30	7/24/2010 18:31	7/24/2010 18:50	7/24/2010 18:35
8/27/2010 11:25	8/27/2010 11:30	8/27/2010 11:40	8/27/2010 11:30
12/22/2010 4:47	12/22/2010 4:47	12/22/2010 4:30	12/22/2010 5:10
1/5/2011 10:21	1/5/2011 10:20	1/5/2011 10:35	1/5/2011 10:32
11/9/2011 10:45	11/9/2011 10:45	11/9/2011 10:50	11/9/2011 11:13
5/11/2013 15:15	5/11/2013 15:20	5/11/2013 15:30	5/11/2013 16:45
10/5/2013 13:30	10/5/2013 13:30	10/5/2013 12:35	10/5/2013 12:40
10/11/2013 13:00	10/11/2013 16:48	10/11/2013 16:58	10/11/2013 18:22
4/2/2007 8:00	4/2/2007 9:30	4/2/2007 9:50	4/2/2007 10:30
10/20/2007 8:00	10/20/2007 7:40	10/20/2007 8:00	10/20/2007 8:15
10/18/2008 11:00	10/18/2008 11:00	10/18/2008 12:00	10/18/2008 12:30
3/27/2009 18:30	3/27/2009 18:30	3/27/2009 19:15	3/27/2009 19:30
7/8/2009 8:47	7/8/2009 8:47	7/8/2009 8:50	7/8/2009 9:20
12/18/2011 16:00	12/18/2011 17:30	12/18/2011 17:15	12/18/2011 17:30
1/10/2007 8:15	1/10/2007 8:20	1/10/2007 8:30	1/10/2007 8:45
1/27/2007 10:07	1/27/2007 11:13	1/27/2007 12:30	1/27/2007 12:45
4/18/2007 5:30	4/18/2007 6:00	4/18/2007 6:30	4/18/2007 7:00
5/4/2007 18:00	5/4/2007 18:10	5/4/2007 18:30	5/4/2007 19:00
10/31/2007 14:30	10/31/2007 14:30	10/31/2007 14:45	10/31/2007 15:30
12/17/2007 7:20	12/17/2007 7:22	12/17/2007 7:30	12/17/2007 7:32
1/10/2008 10:55	1/10/2008 11:00	1/10/2008 11:15	1/10/2008 11:20
2/4/2008 10:30	2/4/2008 10:35	2/4/2008 10:45	2/4/2008 10:50
1/29/2008 13:30	1/29/2008 13:36	1/29/2008 13:55	1/29/2008 14:15
2/12/2008 10:40	2/12/2008 10:45	2/12/2008 10:55	2/12/2008 11:00
3/13/2008 18:35	3/13/2008 18:45	3/13/2008 19:15	3/13/2008 23:45
10/13/2008 13:00	10/13/2008 13:25	10/13/2008 13:35	10/13/2008 14:00
10/20/2008 10:00	10/20/2008 12:20	10/20/2008 12:25	10/20/2008 13:00
2/11/2009 10:30	2/11/2009 10:35	2/11/2009 10:50	2/11/2009 11:15
3/25/2009 7:30	3/25/2009 7:35	3/25/2009 7:50	3/25/2009 8:00
6/8/2009 11:50	6/8/2009 12:00	6/8/2009 12:05	6/8/2009 13:50
9/16/2009 17:00	9/16/2009 17:15	9/16/2009 17:45	9/16/2009 18:00
2/9/2010 10:15	2/9/2010 10:30	2/9/2010 10:45	2/9/2010 10:50
4/9/2010 19:30	4/9/2010 19:40	4/9/2010 20:00	4/9/2010 20:10
8/11/2010 17:30	8/11/2010 17:55	8/11/2010 18:30	8/11/2010 19:00
2/14/2011 7:15	2/14/2011 7:50	2/14/2011 8:05	2/14/2011 8:15
8/16/2011 12:45	8/16/2011 13:30	8/16/2011 13:40	8/16/2011 13:45
8/23/2011 5:30	8/23/2011 8:00	8/23/2011 8:15	8/23/2011 7:00
9/10/2011 9:15	9/10/2011 9:20	9/10/2011 9:40	9/10/2011 9:45
7/22/2012 20:15	7/22/2012 20:30	7/22/2012 21:00	7/22/2012 21:15
4/3/2013 7:05	4/3/2013 7:15	4/3/2013 7:25	4/3/2013 7:35

Root intrusion
Other (specify below)
Debri-General
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Vandalism
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Root intrusion
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Grease deposition (FOG)
Pump station failure
Pump station failure
Grease deposition (FOG)
Other (specify below)
Pump Station Failure-Power
Grease Deposition (FOG)
Pipe structural problem/failure
Pipe structural problem/failure
Pipe structural problem/failure
Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Debri-General
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Debris
Other (specify below)
Grease deposition (FOG)
Debri-Rags
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Debri-General
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Vandalism
Root intrusion

SCADA system at Irvine Pump Station failure

Grading contractor damage blow off with grading equipment.

Large pile of grease logs and paper towels stopped the main at approx 280' north/of the down stream manhole. Unknown at this time. CCTV will be conducted to investigate this further. Overflow could have been from FOG or foreign Vandals removed bolts, lifted manhole lid, dropped large rocks into manhole. These rocks combined with sewage flow pl

Foreign debris. It appeared to be a sheet or pillow case. Also, there was some grease.

Calcium Deposits in 6 VCP gravity sewer line caused stoppage.

SPILL CAUSE COULD NOT BE DETERMINED.

ROOTS BLOCKAGE IN SEWER LINE.

Excessive grease from FSE grease interceptor.

ONE OF THE PUMPS AIR-LOCKED CAUSING THE SSO..

EXCESSIVE GREASE FROM PRIVATE SEWER SYTEM .

collapsed sewer line

Asphalt from construction project near manhole.

Rags, under garments, and debris

Water main break under sewer main causing the sewer main to break and dirt and fresh water from the water main to ent

Construction material stuck in pipe (6 PVC elbow)

Spill was caused by root intrusion as well as medium grease in the line.

Operators cleared the blockage and pulled out roots and noticed medium grease inside manhole.

Heavy rags from Fullerton Community College.

Operators removed heavy rags and construction debris from the downstream manhole.

Operators removed dirt and trimmings from the landscaping in the planter that was dumped inside the manhole.

Operator removed heavy grease and rags from the downstream manhole after clearing the blockage.

Operators pulled back grease, rags, and debris from the downstream manhole.

Spill caused by root intrusion from lateral connection for 724 Nancy Lane.

Spill was caused by a large root ball that entered the mainline after lateral cleaning was performed at a near by residence.

Grease and a build of of construction debris (asphalt) was found to be the cause.

A large pile of grease, roots, and construction debris blocked the inlet pipe at the downstream manhole, causing the line t
Spill caused by combination of root intrusion and grease build up.

Spill was caused by root intrusion coming from a private lateral connection.

Partial blockage of sewer main from rags and other debris. Overflow occurred only during spiking of industrial discharge t

Operators recovered numerous wood sticks, cloth rags, articles of clothing, and a metal pipe from the manhole after clear
Root Intrusion through a pipe joint along with heavy grease buildup contributed to the blockage that cause the spill.

Main
Other (specify below)
Main
Other (specify below)

Main
Main
Main
Main
Main
Main

Main
Main

Lower Lateral
Lower Lateral
Other (specify below)
Other (specify below)
Lower Lateral
Upper Lateral
Manhole
Other (specify below)

Main

Main
Main

er the sewer at point of break. Excess dirt and '

Main
Main
Main

Other (specify below)
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

pump station SCADA system failure

Blow off line

junction of two smaller mains coming into one main. Replacement of main due for replacement fiscal year 2010 - 2011. C

ELECTRIC MOTOR SHORTED OUT DUE TO ELECTRIC POWER SURGES.
MANHOLE LOCATED ON PUMP STATION SITE.

PRIVATE SEWER SYSTEM MANHOLE

water caused the sewer to back up into the church floor drains.

Inside manhole.

No

8 PVC

Construction started on 12/6/2

6 VCP
15 VCP
8 VCP
8 VCP
10 VCP
8 VCP
8
6 VCP
6

8
6 Clay
24

8 ACP
8 PVC

No

No

8 VCP
8 VCP

8 vcp
8
8 VCP
8 VCP
8 VCP
10 VCP
8 VCP
8 VCP
8 VCP
8 VCP
6 VCP
10 VCP
8 VCP
8 VCP
6 VCP
8 CIPP
8
8 VCP
8
6 VCP
8 VCP
8
8 VCP

10

1991

5

49

35

38

35

40

45

40

1960

1955

removed 24,000 gal of contaminated water from the channel

Place rubber mat material and sand bag with dirt to contain the spill

Repaired blow off

City of San Bernardino Street Department was notified first of the overflow. They arrived and found the overflow, jetted t

Spread lime over entire spill area and washed it all down with high pressure water to the vacator which was setup at front c

When the sewer crew arrived on site, three manholes were overflowing through the pick holes only. The flows were light

Unplugged sewer main stoppage. Chlorine was placed on spill area, washed down and returned to sanitary system.

REPLACED ELECTRIC MOTOR WITH NEW SPARE MOTOR.

OPERATOR RECEIVED HIGH LEVEL ALARM FROM SCADA SYSTEM. PRIOR TO THE OPERATOR ARRIVING TO T

USE VACTOR TO COLLECT SEWAGE FROM MANHOLE AND TO STOP SPILL WHILE BREAKING BLOCKAGE WITH
STAFF ON SITE WORKING ON STATION FAILURE.

Fountain Valley Public Works Department responded immediately following notification of the SSO at 9:50 a.m. Personnel

Dammed gutter, contained and cleaned up. Plumber called out, cleaned & vacuumed area.

Sand berms at all basins in area. Fully contained.

Dirt berm at badsin, vacuum and pressure washed area.

Area was cordoned off for 48 hours following the spill as directed by Orange County Health Care Agency

Operators arrived, cleared the blockage, washed down the contaminated area, and vacuumed all remaining debris.

The area was taped off to prevent anyone from entering the spill area. After the exposed soils were allowed to air dry they

Entire affected area will be de-contaminated within the next 24 hours.

Crews contained the spill, cleared the blockage, cleaned up the contaminated area, and inspected the sewer main to dete

Operators cleared and removed blockage, vacuumed 200 gallons of sewage from street surface, and washed down conta

Upon first operator arrival, the blockage was cleared as a second crew set up at the nearest catch basin to capture all sev

Operators cleared the blockage, cleaned contaminated area, and removed all debris from Carbon Creek Channel that wa

Upon arrival, operators cleared blockage, covered near by catch basin to contain the spill, washed down contaminated ar

After clearing the blockage, operators contained the spill in the Arroyo and were able to recover roughly 400 gallons of se

Crews cleared the blockage, contained the spill, washed down the contaminated area, and inspected the sewer with CCT

8/31/2013 21:00
3/3/2011 3:30

2/25/2008 6:00
8/15/2008 11:40

4/15/2011 2:50
7/21/2011 0:00

2/29/2008 13:40

7/12/2010 10:15
7/19/2010 7:30

8/27/2010 15:00
12/22/2010 5:30
1/5/2011 11:50

5/11/2013 17:30
10/5/2013 13:55
10/11/2013 19:20
4/2/2007 1:30

7/8/2009 9:20
12/18/2011 19:30
1/10/2007 11:30
1/27/2007 15:00
4/18/2007 12:00
5/7/2007 8:00
11/1/2007 7:30
12/17/2007 8:15
1/10/2008 12:30
2/4/2008 15:00
1/29/2008 14:45

3/14/2008 9:00

10/21/2008 9:45
2/11/2009 13:00

6/8/2009 15:00
9/16/2009 20:00
2/9/2010 14:00
4/12/2010 8:00
8/12/2010 12:00
2/14/2011 9:15

8/24/2011 9:00
9/10/2011 10:45
7/23/2012 11:00

Other (specify below)
Adjusted schedule/method of preventive maintenance

Other (specify below)
Added sewer to preventive maintenance program;Enforcement action against FOG source

Added sewer to preventive maintenance program
Added sewer to preventive maintenance program

Repaired sewer

Other (specify below)
Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source
Other (specify below)
Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Enforcement action against FOG source
Repaired Facilities or Replaced Defect
Other (specify below)
Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Other (specify below)
Added sewer to preventive maintenance program
Plan rehabilitation or replacement of sewer;Repaired sewer
Other (specify below)
Adjusted schedule/method of preventive maintenance;Other (specify below)
Added sewer to preventive maintenance program
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer
Added sewer to preventive maintenance program
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Other (specify below)

Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Other (specify below)
Added sewer to preventive maintenance program
Adjusted schedule/method of preventive maintenance;Other (specify below)
Plan rehabilitation or replacement of sewer
Adjusted schedule/method of preventive maintenance;Repaired sewer
Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

added additional alarm to SCADA system

Manhole is already on a weekly inspection and preventive maintenance program. Sewer main along Conejo jetted last week. Other actions may be added if sewer blockage is determined by CCTV investigation. Notify FOG program and residents.

Will mail all residents in the affected area informing them of the issue and how to dispose of grease and oil. Add area to the inventory.

Removed tree and proceeding with repairs of pipeline.

ROOTS AND DEBRIS INTRODUCED INTO THE DISTRICT MANHOLE BY DAMAGED AND ABANDONED PRIVATE LATERAL. CCTV ASSESSMENT SHOWED LINE TO BE IN VERY GOOD CONDITIONS. NO ADDITIONAL ACTION IS REQUIRED AT THIS TIME.

REPLACEMENT OF THE ELECTRIC MOTOR.

DISTRICT IS WORKING WITH PRIVATE SEWER SYSTEM OWNER, REQUESTING REPAIRS/CORRECTIONS TO PRIVATE LATERAL. DISTRICT WILL BE INFORMED PROPERTY MAINTENANCE OF FOG BMPs & THE NEED OF PREVENTIVE LINE CLEANING.

Sewer main is already on a Hot Spot list. CCTV of main to determine source of asphalt and cap the sewer lateral during next inspection.

Retrieved all construction debris from sewer main in entire area.
Will follow up with CCTV inspection

An investigation will be done in order to locate the property that is disposing the heavy rags into the sewer. In addition, let

Ongoing investigation is in place to verify if a repair of the pipe is needed.
Sewer main was added to our frequent cleaning list on a 3 month cycle. Flow data will be evaluated to determine whether

Line is currently on a 3 month cleaning cycle. Given that the root ball came in from a nearby connection, the cycle will remain

Jetting method and schedule to be modified. Buried manhole in easement is set to be uncovered next week, to allow crew access. Line is currently on a 3 month cleaning cycle. Given the location, size (6 inch), and amount of flow, we have scheduled this line for jetting. We adjusted the cleaning cycle and cleaning method of the line and crews have been scheduled to repair a defective repair.

CIP currently in design. Also, sewer line along the Arroyo (2,500ft of 12 inch and 6 inch) is currently on a 6 month cleaning cycle.

Yes
No

SCADA

No
Yes

Yes
No

Yes

No
No

No
No
No

Yes
Yes
No
No

ELECT

No
No
Yes
Yes
No
No
Yes
Yes
Yes
No
Yes

Yes

Yes
Yes

Yes
No
Yes
No
No
No

Yes
No
Yes

waste water commingled with surface water runoff in the channel
None

The portion of the sewage that made the channel mixed with this surface water and traveled about a half mile southwest
It is believed no receiving water was impacted by the spill.
No spill could be seen at City Creek or City Creek by-pass. Storm drain is a closed pipe

Sewage did not reach any surface water

No impact.

Not Applicable

NO IMPACT.

NO IMPACT.

NO IMPACT

NA

NO IMPACT VISIBLE DUE TO HEAVY AND CONTINUAL RAIN.

NO IMPACT.

N-A

COULD NOT BE DETERMINED.

NO IMPACT

NO IMPACT

SSO entered a private property storm drain

N/A

Yes	Yes
No	

No	
Yes	

No	
No	

No	
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No	
No	

No	
No	
No	

No	
No	No
No	No
No	

No	
No	
No	
Yes	
No	
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Yes	
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Yes	
No	

Yes	
No	
No	
No	
No	
No	

No	
No	
No	

Newport Dunes
None

NA
N/A

None
NA

NA
NA

NA
N/A

N-A
NA
NA
NA
NA

NA

Unknown
NA
NA
NA
N/A
NA
NA
NA
NA

NA

NA
NA
NA
NA
NA
NA
NA
NA
N/A

NA
N/A

none
Upper Newport Bay & Pacific OCEAN
None

Unknown,
Del Rosa Channel

City Creek By-pass
None
None
Veeh Lake

NA
LA CANADA CREEK

NA
VEEH LAKES
UNKNOWN.
NONE
VEEH LAKE
VEEH LAKE # 2
VEEH LAKE
Lower Santa Ana River/Pacific Ocean

Fountain Valley Channel [D05]
Ocean View Channel [OCFCD]
Brea Creek Channel to San Gabriel River
Lake inside of Craig Regional Park
NA
Brea Creek Channel
Other (Bastanchury Earthen Swale)
Other (Bastanchury Earthen Swale)
Brea Creek Channel
Brea Creek Channel
Brea Creek Channel

NA

Fullerton Creek Channel
Fullerton Creek Channel
Other (earthen swale)
NA
Fullerton Creek Channel
Coyote Creek Channel
Brea Creek Channel
Brea Creek Channel
Brea Creek Channel
NA
Carbon Creek Channel and Storm Water Detention Basin at East St and La Palma Av.
Brea Creek Channel
Brea Creek Channel
N/A

Other (specify below)
Not applicable to this spill

No water quality samples taken
No water quality samples taken

Not applicable to this spill
Not applicable to this spill

No water quality samples taken;Not applicable to this spill

No water quality samples taken
No water quality samples taken

No water quality samples taken;Not applicable to this spill
No water quality samples taken;Not applicable to this spill
No water quality samples taken

No water quality samples taken
No water quality samples taken;Not applicable to this spill
No water quality samples taken
Not applicable to this spill

No water quality samples taken
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Not applicable to this spill
No water quality samples taken
Not applicable to this spill
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No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken

sampling by OCHCA

None

NA

County Health Agency;Regional Water Quality Control Board
None of the above

None of the above
No water quality samples taken

None of the above;Not applicable to this spill
None of the above

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken;Not applicable to this spill
No water quality samples taken

No water quality samples taken
No water quality samples taken;Not applicable to this spill
No water quality samples taken
Not applicable to this spill

None of the above
None of the above
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
Not applicable to this spill
None of the above
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken
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No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken

NA

Used typical pump runtimes and rates during the period the pump station was down.

FLows CALCULATIONS AND VISUAL ESTIMATE.
VISUAL FLOW ESTIMATE.

135451	8/31/2013 12:27
81586	2/25/2008 15:00
85946	8/15/2008 9:30
81714	2/29/2008 10:30
107742	12/22/2010 7:55
110079	1/5/2011 14:10
132849	5/11/2013 19:00
136231	10/5/2013 20:00
136369	10/11/2013 21:40
	3/27/2009 21:00
	7/8/2009 10:40
117462	12/18/2011 18:20
70610	1/27/2007 15:28
72390	4/18/2007 13:55
76713	10/31/2007 16:48
82044	3/13/2008 22:35
94217	6/8/2009 14:33
102279	4/9/2010 20:43
104808	8/11/2010 23:05
110877	2/14/2011 8:46
114998	8/23/2011 9:41
115384	9/10/2011 10:48
124265	7/22/2012 22:10

Not recorded

8008527550

RENZO MARIN, T/R ANALYST, COLLECTION SYSTEM MANAGER
JIM REDDING, CREW CHIEF

9498377050
9498377050